

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Orange)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	5 ~ 15	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
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ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
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2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : orange liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 36.5°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Pink)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)



**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	5 ~ 15	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : pink liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 36.5°C (closed cup)

Not sustained combustibility ; Refer to section14



**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Purple)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	5 ~ 15	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
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ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : purple liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 37.0°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods



<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that are described in the product or packaging. The information contained herein is not intended to provide any kind of warranty other than information; there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Red)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	45 ~ 55	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	10 ~ 20	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : red liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 36.5°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)



# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Yellow)

CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	1 ~ 10	Confidential	none	none
Dyestuff	10 ~ 20	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : yellow liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 38.5°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Black)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)



**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	5 ~ 15	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water.  
If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : black liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 36.5°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Blue)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	45 ~ 55	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	10 ~ 20	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.



## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : blue liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 40.0°C (closed cup)

Not sustained combustibility ; Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that are described in the product or packaging. The information contained herein is not intended to provide any kind of warranty other than information; there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Brown)

CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	50 ~ 60	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	1 ~ 10	Confidential	none	none
Dyestuff	10 ~ 20	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
---------------	-----	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
---------------	------	---------

2-(2-butoxyethoxy)ethanol	TWA	10ppm
---------------------------	-----	-------

### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : brown liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 38.5°C (closed cup)

Not sustained combustibility ; Refer to section14



**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods

<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)

# Safety Data Sheet

according to Safe Work Australia document

"Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice December 2011"

Issued Date : 19th Jul. 2013

Revised Date : 26th Oct. 2018

## SECTION 1: Identification ; Chemical product and company identification

### 1.1. Product identifier

Product Name : Xstamper Products Colour : (Green)  
 CX-M,CX-BN,CX-BN(2),CX-AN,CE-6,CE-9,CE-16N,  
 CA-2N,CA-2N(2),CD-BEC/S,CD-BEC/MS

**Colour**



### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Stamp ink

### 1.3. Details of the supplier of the safety data sheet

Supplier Company Name : ACCO Brands Australia Pty Ltd  
 Address : 2 Coronation Avenue, Kings Park, 2148 NSW, Australia  
 Phone : 02 9694 0900 (9am to 5pm AEST, Monday to Friday)  
 Contact (e-mail) : [sds.anz@acco.com](mailto:sds.anz@acco.com)  
 Website : [www.accobrand.com.au](http://www.accobrand.com.au)

Manufacturer Company Name : Shachihata Inc.  
 Address : 4-69, Amazuka-cho, Nishi-ku, Nagoya City, 451-0021, Japan  
 Phone : +81-52-521-3600  
 Fax : +81-52-521-3899  
 Contact (e-mail) : [chem-analysis@ngy.shachihata.co.jp](mailto:chem-analysis@ngy.shachihata.co.jp)

### 1.4. Emergency telephone number

Poisons Information Centre : 13 11 26

## SECTION 2: Hazards identification

Hazardous Substance , Dangerous Goods.

Classified as hazardous according to the criteria of Safe Work Australia (SWA - formerly NOHSC),  
 and as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code for Transport by Road and Rail.

### 2.1. Classification of the substance or mixture

#### 2.1.1. Classification (SWA)

Flammable liquids, Category 3 H226 : Flammable liquid and vapour  
 Eye irritation, Category 2A H319 : Causes serious eye irritation

### 2.2. Label elements

Labelling (SWA)

Symbols :



Note:

This product does not need to be considered as flammable liquids for Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS. Refer to section 9 and 14.

Signal word : Warning

Hazard statement : Flammable liquid and vapour  
 Causes serious eye irritation

(H226)

(H319)

Precautionary statement

#### 【Prevention】

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(P210)

Take precautionary measures against static discharge.

(P243)

Wash hands thoroughly after handling.

(P264)

Wear eye protection.

(P280)

**【Response】**

IF IN EYES : Rinse cautiously with water for several minutes.

(P305+P351+P338)

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists : Get medical advice and attention.

(P337+P313)

IF ON SKIN (or hair) : Take off immediately all contaminated clothing. Rinse skin with water.

(P303+P361+P353)

In case of fire : Use dry chemical powder, foam or carbon dioxide to extinguish.

(P370+P378)

**【Storage】**

Store in a well-ventilated place. Keep container tightly closed.

(P403+P233)

**【Disposal】**

Dispose of contents and container in accordance with local regulations.

(P501)

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients**

Ingredients :

Chemical Name / Generic name	Composition weight %	CAS Registry No.	Hazard Class (category)	Hazard statement
Ethanol	1 ~ 10	64-17-5	Flam. Liq. 2	H225
Derivative of vegetable oil	45 ~ 55	Confidential	none	none
Glycol class solvent	5 ~ 15	Confidential	none	none
2-(2-butoxyethoxy)ethanol	5 ~ 15	112-34-5	Eye Irrit. 2A	H319
Synthetic resin	5 ~ 15	Confidential	none	none
Dyestuff	10 ~ 20	Confidential	none	none
total	100			

**SECTION 4: First-aid measures****4.1. Description of first aid measures**

**IF INHALED** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a doctor if symptoms persist.

**IF ON SKIN** : Remove / Take off immediately all contaminated clothing. Wash with soap and water. If skin irritation/rash occurs or feel unwell, consult a doctor for medical advice.

**IF IN EYES** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**IF SWALLOWED** : After rinse mouth immediately, give about 250 ml of water or milk and thin in the stomach, and do not vomit forcibly. Moreover, do not give anything from the mouth to the patient when not conscious. Receive the doctor's treatment (stomach pump) promptly.

**SECTION 5: Firefighting-measures****5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical powder, foam or carbon dioxide

Unsuitable extinguishing media : Water jet

**5.2. Special hazards arising from the substance or mixture**

For initial stage extinction, carbon dioxide or dry chemical powder.

When a fire extends, fire is extinguished by a large amount of water spray.

Do not discharge extinguishing waters into the aquatic environment.

**5.3. Advice for firefighters**

In the extinction work, an appropriate protective equipment (gloves, glasses, and mask) has to be worn.

Because during a fire, hazardous gases may be generated, fire-fighters have to wear self-contained breathing apparatus and other protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe area. Shut off all sources of ignition.

No Flares, smoking or flame in area. Put on protective equipment. Ensure adequate ventilation.

### 6.2. Environmental precautions

Do not throw the leakage thing directly into environment

### 6.3. Methods and material for containment and cleaning up

In case of a small spill, remove by absorbing with absorbents (sawdust, soil, sand, waste cloth, etc.), and then wipe off the waste well with waste cloth, and rag.

In case of large spills, prevent leakage by enclosing with nonflammables (earth and sand, etc.) and collect into empty container by scoop, suction equipment or the like.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep containers tightly closed and store in a cool and dry place.

areas and containers : Keep away from heat and flame, ignition source and sunlight.

Keep out of the reach of children.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters

Australian exposure standards(2013)

Ethyl alcohol	TWA	1000ppm
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EH40/2005 Workplace exposure limits

Ethyl alcohol	TWA	1000ppm
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2-(2-butoxyethoxy)ethanol	TWA	10ppm
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ACGIH (2018)

Ethyl alcohol	STEL	1000ppm
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2-(2-butoxyethoxy)ethanol	TWA	10ppm
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### 8.2. Exposure controls

Personal protective equipment

Respiratory Protection : Use with local exhaust ventilation, when in long use.

Avoid breathing vapours. Wear mask to prevent organic gas, if necessary.

Hand Protection : Avoid contact with hands. Wear safety gloves, if necessary.

Eye Protection : Avoid contact with eyes. Wear safety glasses, if necessary.

Skin Protection : Avoid skin contact. Wear personal protection apron, boots, if necessary.

Environmental exposure controls

General advice : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : green liquid

Odour : none

pH : Not applicable

Boiling point : 78 ~ 225°C

Flash point : 40.0°C (closed cup)

Not sustained combustibility : Refer to section14

**Relative Density (at 25°C)** : 1.0 (g/cm<sup>3</sup>)

**Solubility in Water** : Insoluble

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

Thermally stable at typical use temperatures.

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to Avoid

High temperature, Direct sunlight, Fire

### 10.5. Incompatible Materials

No data available

### 10.6. Hazardous decomposition products

CO, CO<sub>2</sub>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** : LD/LC50 values that are relevant for classification

[Ethyl alcohol]

Oral-rat LD50 >5,000 mg/kg

Inhalation-rat LC50 >20 mg/L/4h

[Glycol class solvent]

Oral-rat LD50 >5,000 mg/kg

Dermal-rabbit LD50 >5,000 mg/kg

[2-(2-butoxyethoxy)ethanol]

Oral-rat LD50 >2,000 - <=5,000 mg/kg

Dermal-rabbit LD50 >2,000 - <=5,000 mg/kg

**Eye irritation** : Category 2A Causes serious eye irritation

**Carcinogenicity** : This product does not contain any component that is considered a human carcinogen by IARC, ACGIH, EPA, EU or NTP.

## SECTION 12: Ecological information

**12.1. Toxicity** : No data available

**12.2. Persistence and degradability** : No data available

**12.3. Bioaccumulative potential** : No data available

**12.4. Mobility in soil** : No data available

**12.5. Results of PBT and vPvB assessment** : No data available

**12.6. Other adverse effects** : No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal must be made according to official regulations.

Comply with all Federal, State, and Local regulations regarding disposal.

**Do not allow product to reach ground, any water course or sewage system.**

## SECTION 14: Transport information

Determination of whether a Dangerous Good based on ADG Code criteria.

UN Numbers listed as "UN" followed by 4 digits.

Dangerous Good Classes and Labels for all Dangerous Goods.

Special Provisions listed.

Road – ADG – Australian Dangerous Goods Code (Road and Rail)

Air – IATA – International Air Transport Association

Sea – IMDG – International Maritime Dangerous Goods



<b>14.1. UN number</b>	ADG, IMDG, IATA	: none
<b>14.2. UN proper shipping name</b>	ADG, IMDG, IATA	: none
<b>14.3. Transport hazard class(es)</b>	ADG, IMDG, IATA	: none
<b>14.4. Packing group</b>	ADG, IMDG, IATA	: none
<b>14.5. Environmental hazards</b>	Marine pollutant	: N
<b>14.6. Special precautions for user</b>	EMS Number	: none
<b>14.7. HAZCHEM Code</b>		: none

This product has passed the SUSTAINED COMBUSTIBILITY TEST prescribed in the UN Manual of Tests and Criteria, Part III, subsection 32.5.2. Liquids with a flash point of more than 35 °C which do not sustain combustion need not be considered as flammable liquids. Refer to Recommendations on the TRANSPORT OF DANGEROUS GOODS, UNITED NATIONS - Seventeenth revised edition (ST/SG/AC.10/1/Rev.17) CHAPTER 2.3 CLASS 3 - FLAMMABLE LIQUIDS (see 2.3.1.2 and 2.3.1.3), IATA Dangerous Goods Regulations Section 3.3.1.3 and IMDG Code Section 2.3.1.3.

## SECTION 15: Regulatory information

This product does not contain any hazardous chemical that has been determined by Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), and The Rotterdam Convention (Prior Informed Consent).

### < GHS Information ; Safe Work Australia >

Substance name	: [Ethyl alcohol]
Hazard Class & Category	: Flammable liquids, Category 2
Symbols	: GHS02
Signal word	: Danger
Hazard statements	: H225 Highly flammable liquid and vapour
Substance name	: [2-(2-butoxyethoxy)ethanol]
Hazard Class & Category	: Eye irritation, Category 2
Symbols	: GHS07
Signal word	: Warning
Hazard statements	: H319 Causes serious eye irritation

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### References

Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals Labelling of Workplace Hazardous Chemicals National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)]
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Safe Work Australia HSIS	<a href="http://hsis.safeworkaustralia.gov.au/HazardousSubstance">http://hsis.safeworkaustralia.gov.au/HazardousSubstance</a>
WES	Workplace Exposure Standards for Airborne Contaminants (2013)
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. (ADG7)



This data sheet may not be enough when evaluating danger or hazard. The above information, which is created from currently available documents, information and data, may be revised when new findings are announced. This document has been written on the assumption that when dealing with a large amount of ink on the business case and emergency. When handling as a normal product, please refer to the notes that is described in the produce or packaging. The information contained herein is not intended to provide any kind of warranty other than information, there is no guarantee for the accuracy of the content.

EU RoHS Directive(2011/65/EC)

ELV Directive(2000/53/EC)