

## SAFETY DATA SHEET

Product Name **TEXTA STUBBY**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier name** PELIKAN ARTLINE PTY LTD  
**Address** 2 Coronation Avenue, Kings Park NSW 2148, AUSTRALIA  
**Telephone** (02) 9674 0900  
**Fax** (02) 9674 0910  
**Emergency** 13 11 26 (Poison Information Centre)  
**Email** [custsupport@pelikanartline.com.au](mailto:custsupport@pelikanartline.com.au)  
**Web site** <http://www.pelikanartline.com.au/>  
**Synonym(s)** BLACK, RED, BLUE, GREEN, YELLOW, BROWN, ORANGE, VIOLET, YELLOW GREEN, YELLOW OCHER, SKY BLUE, PINK - COLOURS • STUBBY MARKER  
**Use(s)** PERMANENT MARKER  
**SDS date** 04 July 2013

### 2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

#### RISK PHRASES

R11 Highly flammable.  
 R36 Irritating to eyes.  
 R43 May cause sensitisation by skin contact.  
 R67 Vapours may cause drowsiness and dizziness.

#### SAFETY PHRASES

S2 Keep out of reach of children.  
 S7 Keep container tightly closed.  
 S16 Keep away from sources of ignition - No smoking.  
 S24 Avoid contact with skin.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S39 Wear eye/face protection.

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<b>UN number</b>	3175	<b>DG division</b>	4.1
<b>Packing group</b>	II	<b>Subsidiary risk(s)</b>	None Allocated
<b>Hazchem code</b>	1Z		

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
1-METHOXY-2-PROPANOL	CAS: 107-98-2 EC: 203-539-1	F;R10 Xn;R67	>50%
PROPYL ALCOHOL	CAS: 71-23-8 EC: 200-746-9	F;R11 Xi;R41 Xn;R67	1 to 10%
ROSIN	CAS: 8050-09-7 EC: 232-475-7	Xn;R43	1 to 10%
SOLVENT(S)	Not Available	Not Available	<60%

DYE(S)	Not Available	Not Available	1 to 20%
RESIN(S)	Not Available	Not Available	1 to 20%
IMPURITIES	Not Available	Not Available	<0.05%

#### 4. FIRST AID MEASURES

<b>Eye</b>	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
<b>Ingestion</b>	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.
<b>Advice to doctor</b>	Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Highly flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Vapour may form explosive mixtures with air.
<b>Fire and explosion</b>	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
<b>Extinguishing</b>	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
<b>Hazchem code</b>	1Z <div style="margin-left: 40px;">1      Water Jets</div> <div style="margin-left: 40px;">Z      Self Contained Breathing apparatus and protective gloves.</div>

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.
<b>Environmental precautions</b>	Prevent product from entering drains and waterways.
<b>Methods of cleaning up</b>	If spilt, collect and reuse where possible.
<b>References</b>	See Sections 8 and 13 for exposure controls and disposal.

#### 7. STORAGE AND HANDLING

<b>Storage</b>	Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
<b>Handling</b>	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
1-METHOXY-2-PROPANOL	SWA (AUS)	100	369	150	553
Propyl alcohol	SWA (AUS)	200	492	250	614
Rosin core solder pyrolysis products	SWA (AUS)	--	0.1	--	--

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Biological limits	No biological limit allocated.
Engineering controls	Avoid inhalation. Use in well ventilated areas.
PPE	
Eye / Face	Not required under normal conditions of use.
Hands	Not required under normal conditions of use.
Body	Not required under normal conditions of use.
Respiratory	Not required under normal conditions of use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	VARIOUS COLOURED LIQUID (ENCLOSED IN PEN)
Odour	SOLVENT ODOUR
Flammability	HIGHLY FLAMMABLE
Flash point	15°C to 35°C
Boiling point	78°C (ethanol)
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Specific gravity	0.9 to 1.0
Solubility (water)	INSOLUBLE
Vapour pressure	5.878 kPa @ 20°C (ethanol)
Upper explosion limit	3.3 % (ethanol)
Lower explosion limit	19 % (ethanol)
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Partition coefficient	NOT AVAILABLE
% Volatiles	78 % to 91 %

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## 10. STABILITY AND REACTIVITY

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Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.
Material to avoid	This product is considered relatively stable in the form supplied, however the contents of this product are incompatible with acids (eg. nitric acid), oxidising agents (eg. hypochlorites), heat and ignition sources.
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
Hazardous Reactions	Hazardous polymerization is not expected to occur.

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## 11. TOXICOLOGICAL INFORMATION

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Health Hazard Summary	Low to moderate toxicity. Due to the product form and nature of use, the potential for adverse health effects may be reduced. However, if used in poorly ventilated areas for prolonged periods irritation of the eyes, nose and throat with nausea, dizziness and headache may result.	
Eye	Due to product packaging, the potential for exposure is reduced. However, contact with packaged contents may result in irritation, pain and redness.	
Inhalation	Low irritant. Over exposure to vapours may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, nausea and headache.	
Skin	Due to product form, adverse health effects via skin contact are not anticipated. However, prolonged or repeated contact may result in irritation, rash, dermatitis and possible toxic systemic effects.	
Ingestion	Ingestion is considered unlikely due to product form. However, ingestion of contents may result in gastrointestinal irritation, nausea, dizziness, headache and vomiting.	
Toxicity data	1-METHOXY-2-PROPANOL (107-98-2)	
	LC50 (inhalation)	10000 ppm/5 hours (rat)
	LCLo (inhalation)	15000 ppm/7 hours (rabbit)
	LD50 (ingestion)	5000 mg/kg (dog)

1-METHOXY-2-PROPANOL (107-98-2)	
LD50 (skin)	13000 mg/kg (rabbit)
LDLo (ingestion)	3739 mg/kg (rat)
TCLo (inhalation)	3000 ppm (human)
PROPYL ALCOHOL (71-23-8)	
LC50 (inhalation)	48 g/m <sup>3</sup> (mouse)
LCLo (inhalation)	4000 ppm/4 hours (rat)
LD50 (ingestion)	1870 mg/kg (rat)
LD50 (skin)	4060 mg/kg (rabbit)
LDLo (ingestion)	5700 mg/kg (woman)
TDLo (ingestion)	50 g/kg/81 weeks (rat)

## 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	No information provided.
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	No information provided.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal</b>	No special precautions are required for the disposal of this product.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
<b>UN number</b>	3175	3175	3175
<b>Proper shipping name</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.		
<b>DG class/ Division</b>	4.1	4.1	4.1
<b>Subsidiary risk(s)</b>	None Allocated	None Allocated	None Allocated
<b>Packing group</b>	II	II	II
<b>GTEPG</b>	4A1		
<b>Hazchem code</b>	1Z		
<b>EMS</b>	F-A, S-I		

## 15. REGULATORY INFORMATION

<b>Poison schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
<b>Inventory Listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

## 16. OTHER INFORMATION

### Additional information

**WORK PRACTICES - SOLVENTS:** Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	EC No - European Community Number
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
PEL	Permissible Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TLV	Threshold Limit Value
TWA/OEL	Time Weighted Average or Occupational Exposure Limit

### Revision history

Revision	Description
1.0	Initial SDS Creation

### Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

**Product Name**      **TEXTA STUBBY**

**Prepared by**                      Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au.

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**End of SDS**