



## SAFETY DATA SHEET

Product Name **TEXTA LIQUID CHALK MARKER DRY WIPE (ALL COLOURS)**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier name** JASCO PTY LTD  
**Address** 118 - 122 Bowden St, Meadowbank, NSW, 2114, AUSTRALIA  
**Telephone** (02) 9807 1555  
**Fax** (02) 9808 1338  
**Emergency** 13 11 26 (Poison Information Centre)  
**Email** [quickinfo@jasco.com.au](mailto:quickinfo@jasco.com.au)  
**Web site** <http://www.jasco.com.au/>  
**Synonym(s)** WINDOW MARKER  
**Use(s)** MARKER PEN  
**SDS date** 07 June 2013

### 2. HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**RISK PHRASES**

None allocated

**SAFETY PHRASES**

None allocated

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>UN number</b>	None Allocated	<b>DG class</b>	None Allocated
<b>Packing group</b>	None Allocated	<b>Subsidiary risk(s)</b>	None Allocated
<b>Hazchem code</b>	None Allocated		

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
DIETHYLENE GLYCOL	CAS: 111-46-6 EC: 203-872-2	Xn;R22	<9%
WATER	CAS: 7732-18-5 EC: 231-791-2	Not Available	50 to 60%
TITANIUM DIOXIDE	CAS: 13463-67-7 EC: 236-675-5	Not Available	6 to 30%
1,3-BUTANEDIOL	CAS: 107-88-0 EC: 203-529-7	Not Available	<10%
PROPYLENE GLYCOL (PROPANE-1,2-DIOL)	CAS: 57-55-6 EC: 200-338-0	Not Available	5 to 10%
SODIUM BENZOATE	CAS: 532-32-1 EC: 208-534-8	Not Available	0.2 to 0.4%

#### 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 plenty of water.
<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>	Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
<b>Fire and explosion</b>	Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. 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>	None Allocated

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	No Personal Protective Equipment (PPE) required under normal conditions of use.
<b>Environmental precautions</b>	Prevent product from entering drains and waterways.
<b>Methods of cleaning up</b>	If spilt/ packages damaged, collect for later disposal or reuse.
<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 oxidising agents, acids, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Keep out of reach of children.
<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>
2,2'-Oxybis[ethanol]	SWA (AUS)	23	100	--	--
Propane-1,2-diol (particulates only)	SWA (AUS)	--	10	--	--
Propane-1,2-diol (total vapour & particulates)	SWA (AUS)	150	474	--	--
Titanium dioxide (a)	SWA (AUS)	--	10	--	--

<b>Biological limits</b>	No biological limit allocated.
<b>Engineering controls</b>	Avoid inhalation. Use in well ventilated areas. Due to product form and nature of application the potential for vapour build-up is low.

**PPE**

<b>Eye / Face</b>	Not required under normal conditions of use.
<b>Hands</b>	Not required under normal conditions of use.
<b>Body</b>	Not required under normal conditions of use.
<b>Respiratory</b>	Not required under normal conditions of use.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	PIGMENT COLOURED LIQUID
<b>Odour</b>	BLAND ODOUR
<b>Flammability</b>	NON FLAMMABLE
<b>Flash point</b>	NOT RELEVANT
<b>Boiling point</b>	100°C (Approximately)
<b>Melting point</b>	0°C (Approximately)
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	5.5 to 7.5
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	1.1 to 1.35
<b>Solubility (water)</b>	INSOLUBLE
<b>Vapour pressure</b>	NOT AVAILABLE
<b>Upper explosion limit</b>	NOT RELEVANT
<b>Lower explosion limit</b>	NOT RELEVANT
<b>Autoignition temperature</b>	NOT AVAILABLE
<b>Decomposition temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	NOT AVAILABLE
<b>Partition coefficient</b>	NOT AVAILABLE
<b>% Volatiles</b>	NOT AVAILABLE

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**10. STABILITY AND REACTIVITY**

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<b>Chemical stability</b>	Stable under recommended conditions of storage.
<b>Conditions to avoid</b>	No known conditions to avoid.
<b>Material to avoid</b>	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.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.
<b>Hazardous Reactions</b>	Polymerization is not expected to occur.

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**11. TOXICOLOGICAL INFORMATION**

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<b>Health Hazard Summary</b>	Low toxicity - low irritant. 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.
<b>Eye</b>	Due to product packaging, the potential for exposure is reduced. However, contact with packaged contents may result in irritation, pain and redness.
<b>Inhalation</b>	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.
<b>Skin</b>	Low irritant. Prolonged or repeated contact may result in mild irritation.
<b>Ingestion</b>	Ingestion is considered unlikely due to product form. However, ingestion of contents may result in gastrointestinal irritation, nausea, dizziness, headache and vomiting.
<b>Toxicity data</b>	DIETHYLENE GLYCOL (111-46-6) LCLo (inhalation) 130 mg/m <sup>3</sup> /2 hours (mouse) LD50 (ingestion) 3300 mg/kg (cat) LD50 (intraperitoneal) 7700 mg/kg (mouse) LD50 (intravenous) 6565 mg/kg (rat) LD50 (skin) 11890 mg/kg (rabbit) LDLo (ingestion) 1000 mg/kg (human) LDLo (intraperitoneal) 2236 mg/kg (rabbit)

DIETHYLENE GLYCOL (111-46-6)	
LDLo (subcutaneous)	5000 mg/kg (mouse)
TDL0 (ingestion)	2400 mg/kg (child)
1,3-BUTANEDIOL (107-88-0)	
LD50 (ingestion)	11,000 mg/kg (guinea pig)
LD50 (intraperitoneal)	10276 mg/kg (mouse)
LD50 (skin)	> 20,000 mg/kg (rabbit)
LD50 (subcutaneous)	20,000 mg/kg (rat)
PROPYLENE GLYCOL (PROPANE-1,2-DIOL) (57-55-6)	
LD50 (ingestion)	> 2080 mg/kg (quail)
LD50 (intraperitoneal)	6660 mg/kg
LD50 (intravenous)	2600 mg/kg (dog)
LD50 (skin)	20800 mg/kg (rabbit)
LD50 (subcutaneous)	17370 mg/kg (mouse)
LDLo (intramuscular)	6300 mg/kg (rabbit)
LDLo (subcutaneous)	15500 mg/kg (guinea pig)
TDL0 (ingestion)	79 g/kg/56 weeks intermittently (child)
SODIUM BENZOATE (532-32-1)	
LD50 (ingestion)	1600 mg/kg (mouse)
LD50 (intramuscular)	2366 mg/kg (mouse)
LD50 (intravenous)	1440 mg/kg (mouse)
LD50 (subcutaneous)	2 g/kg (rabbit)
LDLo (intraperitoneal)	1400 mg/kg (guinea pig)
LDLo (subcutaneous)	1 g/kg (guinea pig)
TDL0 (ingestion)	44g/kg (1-22 days pregnant rat - teratogenic)

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## 12. ECOLOGICAL INFORMATION

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<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.

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## 13. DISPOSAL CONSIDERATIONS

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<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.

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## 14. TRANSPORT INFORMATION

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**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN number</b>	None Allocated	None Allocated	None Allocated
<b>Proper shipping name</b>	None Allocated	None Allocated	None Allocated
<b>DG class/ Division</b>	None Allocated	None Allocated	None Allocated
<b>Subsidiary risk(s)</b>	None Allocated	None Allocated	None Allocated
<b>Packing group</b>	None Allocated	None Allocated	None Allocated
<b>Hazchem code</b>	None Allocated		

**15. REGULATORY INFORMATION**

<b>Poison schedule</b>	Classified as a Schedule 6 (S6) 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** 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
1.1	Standard SDS Review
1.0	Initial SDS Creation
0.6	Standard SDS Review
0.1	Standard SDS Review

**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 LIQUID CHALK MARKER DRY WIPE (ALL COLOURS)**

**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**