



SAFETY DATA SHEET

Product Name **TEXTA LIQUID CHALK MARKER WET 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
Web site <http://www.jasco.com.au/>
Synonym(s) WINDOW & BLACKBOARD 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

UN number	None Allocated	DG class	None Allocated
Packing group	None Allocated	Subsidiary risk(s)	None Allocated
Hazchem code	None Allocated		

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
WATER	CAS: 7732-18-5 EC: 231-791-2	Not Available	55 to 65%
TITANIUM DIOXIDE	CAS: 13463-67-7 EC: 236-675-5	Not Available	10 to 35%
COLOURANT(S)	Not Available	Not Available	18 to 24%
RESIN(S)	Not Available	Not Available	4 to 7%
SODIUM BENZOATE	CAS: 532-32-1 EC: 208-534-8	Not Available	0.2 to 0.4%

4. FIRST AID MEASURES

Eye 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.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with plenty of water.

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Ingestion 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.

Advice to doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Fire and explosion 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.

Extinguishing Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.

Hazchem code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Personal precautions No Personal Protective Equipment (PPE) required under normal conditions of use.

Environmental precautions Prevent product from entering drains and waterways.

Methods of cleaning up If spilt/ packages damaged, collect for later disposal or reuse.

References See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Storage 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.

Handling 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 ³	ppm	mg/m ³
Titanium dioxide (a)	SWA (AUS)	--	10	--	--

Biological limits No biological limit allocated.

Engineering controls Avoid inhalation. Use in well ventilated areas. Due to product form and nature of application the potential for vapour build-up is low.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance PIGMENT COLOURED LIQUID

Odour BLAND ODOUR

Flammability NOT AVAILABLE

Flash point NOT RELEVANT

Boiling point 100°C (Approximately)

Melting point 0°C (Approximately)

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Evaporation rate	NOT AVAILABLE
pH	8.5 to 10
Vapour density	NOT AVAILABLE
Specific gravity	1.1 to 1.35
Solubility (water)	INSOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Partition coefficient	NOT AVAILABLE
% Volatiles	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	No known conditions to avoid.
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	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	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.
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	Low irritant. Prolonged or repeated contact may result in mild irritation.
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	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) TDLo (ingestion) 44g/kg (1-22 days pregnant rat - teratogenic)

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

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

15. REGULATORY INFORMATION

Poison schedule	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).
Inventory Listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information	<p>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.</p> <p>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.</p>	
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 ³	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

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Revision history

Revision	Description
1.1	Standard SDS Review
1.0	Initial SDS Creation
0.1	Standard SDS Review 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.

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End of SDS