

Material Safety Data Sheet

Product Name **MONT MARTE CALLIGRAPHY SETS**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name MONT MARTE INTERNATIONAL PTY LTD
Address 27 Pentex Street, Salisbury, Queensland, AUSTRALIA, 4107
Telephone 07 3255 5406
Fax 07 3255 5409
Emergency 13 11 26
Synonym(s) MONT MARTE 2 NIB CALLIGRAPHY SET • MONT MARTE BEGINNERS CALLIGRAPHY SET • MONT MARTE CALLIGRAPHY SET IN TIN BOX
Use(s) WRITING
MSDS Date 13 Oct 2009

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

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

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
ETHYLENE GLYCOL	C2-H6-O2	107-21-1	<10%
P-TERTIARY-OCTYLPHENOXY POLYETHYL ALCOHOL	(C2-H4-O) _n .C14-H22-O	9002-93-1	<1%
WATER	H2O	7732-18-5	>60%
PIGMENT(S)	Not Available	Not Available	<20%
GLYCEROL (GLYCERINE)	C3-H8-O3	56-81-5	<10%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or 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 running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases if strongly heated.

Fire and Explosion No fire or explosion hazard exists.

Extinguishing Prevent contamination of drains or waterways.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt, collect and reuse where possible.

7. STORAGE AND HANDLING

Storage Store in a cool, dry, well ventilated area, removed from foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

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 Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Ethylene glycol (vapour)	ASCC (AUS)	20	52	40	104
	Glycerin mist (a)	ASCC (AUS)	--	10	--	--

Biological Limits No biological limit allocated.

Engineering Controls Avoid inhalation. Use in well ventilated areas.

PPE Personal Protective Equipment is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	COLOURED LIQUID IN CARTRIDGE	Solubility (Water)	SOLUBLE
Odour	ODOURLESS	Specific Gravity	NOT AVAILABLE
pH	7 to 8	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	NOT AVAILABLE	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Avoid contact with incompatible substances.

Material to Avoid Compatible with most commonly used materials.

Hazardous Decomposition Products May evolve toxic gases if heated to decomposition.

Hazardous Reactions Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Low toxicity. Due to the product form (enclosed), contact with contents is not anticipated with normal use. If damaged, contact with contents may result in eye, skin and respiratory irritation.

Eye Due to product form and nature of use, the potential for exposure is reduced. However, if unit is damaged contact may result in irritation and lacrimation.

Inhalation Exposure considered unlikely. Due to product form and nature of use, an inhalation hazard is not anticipated with normal use.

Skin Exposure considered unlikely. Due to product form, adverse health effects via skin contact are not anticipated. However, contact with contents may result in irritation and redness.

Ingestion Ingestion is considered unlikely due to product form.

Toxicity Data ETHYLENE GLYCOL (107-21-1)
 LC50 (Inhalation): 10 876 mg/kg (rat)
 LD50 (Ingestion): 1650 mg/kg (cat)

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LD50 (Skin): 9530 ug/kg (rabbit)
LDLo (Ingestion): 398 mg/kg (human)
TCLo (Inhalation): 10,000 mg/m³ (human - cough)
TDLo (Ingestion): 5500 mg/kg (child - anaesthesia)
P-TERTIARY-OCTYLPHENOXY POLYETHYL ALCOHOL (9002-93-1)
LD50 (Ingestion): 1800 mg/kg (rat)
LD50 (Intravenous): 1200 mg/kg (mouse)
GLYCEROL (GLYCERINE) (56-81-5)
LD50 (Ingestion): 4090 mg/kg (mouse)
LD50 (Intraperitoneal): 4420 mg/kg (rat)
LD50 (Intravenous): 4250 mg/kg (mouse)
LD50 (Subcutaneous): 91 mg/kg (mouse)
TDLo (Ingestion): 1428 mg/kg (human)

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Collect and reuse where possible. Contact the manufacturer for additional information.

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

Shipping Name	None Allocated				
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	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 Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European INventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m³ - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

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 Chem Alert report which would encompass all possible

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scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert 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.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, 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 MSDS.

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End of Report