

Material Safety Data Sheet

Product Name **MONT MARTE OIL PAINT (ALL COLOURS EXCEPT IVORY BLACK)**

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) ALIZARIN CRIMSON, ULTRAMARINE BLUE, PHTHALO. BLUE, • BURNT UMBER, RAW UMBER, PAYNES GREY, COBALT BLUE, • FLESH TONE, DEEP YELLOW, CADMIUM RED HUE, CRIMSON RED, • LEMON YELLOW, MEDIUM YELLOW, BRILLIANT RED, PERMANENT RED, • MONT MARTE OIL COLOUR - ZINC WHITE, TITANIUM WHITE, • ORANGE YELLOW, LIGHT GREEN, MAUVE, SILVER, GOLD. • PERMANENT GREEN, YELLOW OCHRE, BURNT SIENNA, • PRUSSIAN BLUE, SAP GREEN, VIRIDIAN GREEN, ORANGE RED, • VIOLET, MONASTRAL CERULEAN, MONASTRAL GREEN, OLIVE GREEN,
Use(s) ARTIST PAINT
MSDS Date 09 Nov 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
C.I. PIGMENT YELLOW 42	Fe2-H2-O4	51274-00-1	<50%
BLUE DYE	Not Available	57455-37-5	<45%
TITANIUM DIOXIDE	Ti-O2	13463-67-7	<42%
C.I. PIGMENT ORANGE 13	Not Available	3520-72-7	<40%
N-(4-CHLOROPHENYL)-3-HYDROXY-4-[(2-METHYL-5-NITROPHENYL)AZO]NAPHTHALENE-2-CARBOXAMIDE	C24-H17-Cl-N4-O4	6410-30-6	<40%
3-HYDROXY-4-[(2-METHYL-5-NITROPHENYL)AZO]-N-PHENYLNAPHTHALENE-2-CARBOXAMIDE	C24-H18-N4-O4	6448-95-9	<35%
BARIUM SULPHATE	O4-S.Ba	7727-43-7	<35%
C.I. PIGMENT YELLOW 1	C17-H16-N4-O4	2512-29-0	<32%
BLUE DYE	Not Available	1325-86-6	<30%
COPPER PHTHALOCYANIN	C32-H16-Cu-N8	147-14-8	<30%
FATTY ACIDS, LINSEED-OIL	Not Available	68424-45-3	20-30%
FERRATE(4-), HEXACYANO-, AMMONIUM IRON(3+)	C6-Fe-N6.-Fe.H4-N	25869-00-5	<30%
PHTHALOCYANINE GREEN	Not Available	1328-53-6	<30%
2-[(4-CHLORO-2-NITROPHENYL)AZO]-N-(2-CHLOROPHENYL)-3-OXOBUTYRAMIDE	C16-H12-Cl2-N4-O4	6486-23-3	<25%
ALUMINIUM HYDROXIDE	Al-H3-O3	21645-51-2	1-25%
IRON (III) OXIDE	Fe2-O3	1309-37-1	<25%
IRON OXIDE (MAGNETITE)	Fe3-O4	1317-61-9	<25%
MICA	Not Available	12001-26-2	<25%
BARIUM ZINC SULPHATE SULPHIDE	Not Available	1345-05-7	<15%
SILICON DIOXIDE	Si-O2	7631-86-9	<15%

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
C.I. PIGMENT RED 146	C33-H27-Cl-N4-O6	5280-68-2	<13%

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).
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability	Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. May also evolve metal oxides when heated to decomposition.
Fire and Explosion	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.
Extinguishing	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	Use personal protective equipment. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery.
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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. Large storage areas should have appropriate ventilation systems.
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
	Barium sulphate	ASCC (AUS)	--	10	--	--
	Iron oxide fume (Fe2O3) (as Fe)	ASCC (AUS)	--	5	--	--
	Iron oxide fume (as Fe)	ASCC (AUS)	--	5	--	--
	Mica	ASCC (AUS)	--	2.5	--	--
	Titanium dioxide (a)	ASCC (AUS)	--	10	--	--

C.I. PIGMENT YELLOW 42

ES-STEL : 10 mg/m3 (Iron)

ES-TWA: 5 mg/m3 (Iron fume/dust)

Biological Limits	No biological limit allocated.
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Engineering Controls Avoid inhalation. Use in well ventilated areas.

PPE Personal Protective Equipment is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear: splash-proof goggles and rubber or PVC gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	COLOURED PASTE	Solubility (Water)	INSOLUBLE
Odour	LINSEED OIL ODOUR	Specific Gravity	NOT AVAILABLE
pH	6 to 7	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	COMBUSTIBLE
Vapour Density	NOT AVAILABLE	Flash Point	240°C
Boiling Point	> 200°C	Upper Explosion Limit	NOT AVAILABLE
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE		
Density	1.1 g/mL to 1.5 g/mL		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to Avoid	Incompatible with oxidising agents (eg. hypochlorites) and acids (eg. nitric acid).
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. May also evolve metal oxides when heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity. Under normal conditions of use, adverse health effects are not anticipated. Due to the product form and low volatility, an inhalation hazard is not anticipated unless product is heated. Some of the colours in this range may contain metal oxides.
Eye	Low to moderate irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Exposure considered unlikely. Due to product form and nature of use, an inhalation hazard is not anticipated with normal use.
Skin	Low irritant. Prolonged or repeated contact may result in mild irritation.
Ingestion	Low toxicity. Ingestion is considered unlikely due to product form. However, ingestion via hand-mouth transfer may result in gastrointestinal irritation, nausea and vomiting. Maintain good personal hygiene standards.
Toxicity Data	TITANIUM DIOXIDE (13463-67-7) TCLo (Inhalation): 250 mg/m ³ /6 hours (rat) C.I. PIGMENT ORANGE 13 (3520-72-7) LD50 (Ingestion): > 5 g/kg (rat) COPPER PHTHALOCYANIN (147-14-8) LD50 (Ingestion): > 10 g/kg (rat) ALUMINIUM HYDROXIDE (21645-51-2) LDLo (Intraperitoneal): 150 mg/kg (rat) TDLo (Ingestion): 79 g/kg/2 years - intermittent (child) IRON (III) OXIDE (1309-37-1) LDLo (Subcutaneous): 30 mg/kg (dog)

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.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved.
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	EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).
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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 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').
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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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Product Name **MONT MARTE OIL PAINT (ALL COLOURS EXCEPT IVORY BLACK)**

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MSDS Date: 09 Nov 2009

End of Report