

valspar

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name RED IRON OXIDE
Product code LIC7
Print date 01/Jun/2007
Revision Date 07/Feb/2007
Recommended use For coating metal containers and similar products.

Manufacturer, importer, supplier De Beer Australasia Pty Ltd
Unit 11, 8 Kerta Road, Kincumber
NSW Australia 2258

Tel: +61 (2) 4368 4054
Fax: +61 (2) 4368 4215

Emergency telephone number
Poisons Information Centre: Australia 131 126

2. HAZARDS IDENTIFICATION

Classified as **HAZARDOUS** according to criteria of NOHSC.
Classified as **DANGEROUS** according to the Australian Dangerous Goods Code.

Indication of danger
Xi - Irritant.

Risk Phrases
R10 - Flammable
R36 - Irritating to eyes

S-phrase(s)
S24 - Avoid contact with skin
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
S23 - Do not breathe gas/fumes/vapour/spray.
S51 - Use only in well ventilated areas

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	10-25	Propylene glycol monomethyl ether acetate
2-METHOXYPROPYL ACETATE 70657-70-4	0.2-0.5	1-PROPANOL, 2-METHOXY-, ACETATE

If this section is blank, there are no hazardous components per NOHSC guidelines.

4. FIRST AID MEASURES

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Skin

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water.

Eyes

Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep eye wide open while rinsing.

Inhalation

Move to fresh air. Victim to lie down in the recovery position, cover and keep him warm. If not breathing, give artificial respiration. If victim is unconscious but breathing: Obtain medical attention.

Ingestion

Keep at rest. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

HAZCHEM Code:	3[Y]
Flash point	43°C
Lower explosive limit:	1 %
Upper explosive limit:	13 %
Autoignition temperature:	Not determined°C

Extinguishing media: Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures: Use water spray to cool nearby containers and structures exposed to fire.

Unusual fire and explosion hazards: None known.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Ensure adequate ventilation. Exclude non essential personnel. Remove all sources of ignition. Do not breathe vapours/dust.

Environmental Precautions

Local authorities should be advised if significant spillages cannot be contained

Methods for Cleaning Up

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Clean with detergents. Avoid solvents.

7. HANDLING AND STORAGE

7. HANDLING AND STORAGE

Handling

Operators should wear anti-static footwear and clothing. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Provide adequate ventilation. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Vapours are heavier than air and may spread along floors. Good housekeeping standards and regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards. Use spark-proof tools and explosion-proof equipment. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Store in original container. Do not use pressure to empty drums. Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Do not breathe vapours or spray mist.

Storage

Containers which are opened should be properly resealed and kept upright to prevent leakage. Take notice of the directions of use on the label. Keep in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep away from direct sunlight. Store in a place accessible by authorised persons only. Do not smoke.

Storage Temperature

10 - 30 C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Australia:

Ingredient Name CAS-No.	Australia OELs - TWA	Australia OELs - STEL	Australia OELs - Skin Designation
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	274 mg/m ³ , 50 PPM	548 mg/m ³ , 100 PPM	Can be absorbed through the skin.

Engineering measures

During curing, decomposition products may be formed, which should be extracted safely from the work area. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Basic Personal Protection

Respiration

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

Wear suitable gloves and eye/face protection Use protective skin cream before handling the product

Skin

Wear shoes with conductive soles Wear as appropriate: Flame retardant antistatic protective clothing

Eyes

Wear as appropriate: Safety glasses with side-shields. Goggles.

Hygiene Measures

Do not use solvents or thinners to clean skin. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid

Odor:

Normal for this product type.

Vapor pressure:

2 mmHG @68 ° F (20 ° C)

Vapor density (air = 1.0):

4.6

Solubility in water:

Soluble

Flash point

43°C

Boiling point/range

141°C

9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation rate (butyl acetate = .3
1.0):

10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	Stable under recommended storage conditions
Materials to Avoid	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products	Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Carbon monoxide. Carbon dioxide (CO ₂). Smoke. Nitrogen oxides (NO _x).

11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects:

Eye Contact:

Causes eye irritation.

Skin Contact:

May cause mild skin irritation.

Ingestion:

May cause abdominal pain, nausea, diarrhea, and vomiting.

Inhalation:

May cause nose and throat irritation.

Other Effects:

None known

Potential Chronic Health Effects:

May cause liver damage. May cause kidney damage.

If this section is blank, no information is available.

12. ECOLOGICAL INFORMATION

Air Pollutant

Local pollution requirements may apply to the use of this product. Do not let product enter drains. Do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Do not let product enter drains. Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. Dispose of as special waste in compliance with local and national regulations

14. TRANSPORTATION INFORMATION

Australia ADG:

Proper shipping name	PAINT
UN/ID No	UN1263
Hazard Class	3
Packing Group	III

14. TRANSPORTATION INFORMATION

HAZCHEM Code: 3[Y]

IMDG:

Proper shipping name PAINT
UN/ID No UN1263
Hazard Class: 3
Packing Group III

IATA:

Proper shipping name Paint
UN/ID No UN1263
Hazard Class 3
Packing Group III

15. REGULATORY INFORMATION

This product/preparation is in compliances with the Australian Inventory of Chemical Substances list.

Label Information:

Indication of danger

Xi - Irritant.



Risk Phrases

R10 - Flammable

R36 - Irritating to eyes

S-phrase(s)

S24 - Avoid contact with skin

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

S23 - Do not breathe gas/fumes/vapour/spray.

S51 - Use only in well ventilated areas

16. OTHER INFORMATION

Print date 01/Jun/2007

Revision Date 07/Feb/2007

Abbreviations:

NOHSC - National Occupational Health and Safety Commission, AICS - Australia Inventory of Chemical Substances, EC - European Community, ADR - Australia Code for the Transportation of Dangerous Goods by Road and Rail, IATA - International Air Transport Association, IMDG - International Maritime Dangerous Goods, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, WT - Weight, mg/m³ - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit

16. OTHER INFORMATION

Disclaimer:

The information contained herein is based upon data considered to be accurate. EPS, Inc. makes no warranties, express or implied, and assumes no responsibility for the accuracy or completeness of the data. EPS, Inc. further assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by this material. Such vendees or users assume all risks associated with the use of this material.

This MSDS contains additional information required by the state of Pennsylvania.