

valspar

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name TITANIUM WHITE LIC TINT
Product code LIC1
Print date 25/May/2007
Revision Date 26/Apr/2007
Recommended use For coating metal containers and similar products.

Manufacturer, importer, supplier De Beer Australasia Pty Ltd
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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
T - Toxic.

Risk Phrases
R61 - May cause harm to the unborn child
R10 - Flammable
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrase(s)
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
S53 - Avoid exposure - obtain special instructions before use
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 the 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-BUTOXYETHYL ACETATE 112-07-2	5-10	Ethylene glycol monobutyl ether acetate
XYLENE 1330-20-7	1-5	Xylenes (o-, m-, p- isomers)

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM. 64742-95-6	1-5	Petroleum naphtha, light aromatic
1,2,4-TRIMETHYLBENZENE 95-63-6	1-5	PSEUDO CUMENE
BENZYL BUTYL PHTHALATE 85-68-7	1-5	Butyl benzyl phthalate

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

Take off all contaminated clothing immediately. Do NOT use solvents or thinners. 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. If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

HAZCHEM Code: 3[Y]
Flash point: 27°C
Lower explosive limit: 1 %
Upper explosive limit: 9 %
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

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

Environmental Precautions

Local authorities should be advised if significant spillages cannot be contained

6. ACCIDENTAL RELEASE MEASURES

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

Handling

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

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-BUTOXYETHYL ACETATE 112-07-2	133 mg/m ³ , 20 PPM	333 mg/m ³ , 50 PPM	Can be absorbed through the skin.
XYLENE 1330-20-7	350 mg/m ³ , 80 PPM	655 mg/m ³ , 150 PPM	
1,2,4-TRIMETHYLBENZENE 95-63-6	123 mg/m ³ , 25 PPM		

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 as appropriate: Wear shoes with conductive soles 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. It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Odor:	Normal for this product type.
Vapor pressure:	6 mmHG @68 ° F (20 ° C)
Vapor density (air = 1.0):	5.5
Solubility in water:	Insoluble.
Flash point	27°C
Boiling point/range	139°C
Specific Gravity	2.35
Evaporation rate (butyl acetate = 1.0):	.6

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:

May cause mild 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:

May cause liver damage. May cause kidney damage.

Potential Chronic Health Effects:

Contains glycol ether which has been shown to cause blood effects damage in laboratory animals. May cause liver damage. May produce nervous system effects such as feeling of weakness, unsteady walk, and dilation of blood vessels.

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
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.

16. OTHER INFORMATION

Print date	25/May/2007
Revision Date	26/Apr/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

Disclaimer:

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