

MATERIAL SAFETY DATA SHEET**IDENTIFICATION**

Product Name: LIVING SHIELD INTERIOR LOW SHEEN
 Description: Water based paint
 Uses: Water borne, brush, roller, and/or spray applied interior paint

UN Number: Not Specified
 Dangerous Goods Class: Not Restricted
 Hazchem Code: Not Specified
 Toxic Substances Schedule: Not Restricted
 Packing Code: N.O.S.

Classification of Hazardous Nature:

Non Hazardous according to NZ Dangerous Goods and Toxic Substances Regulations.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance-Viscosity-Odour-pH: Viscous Liquid White. Mild ammoniacal odour. pH 7.5-9.0
 Melting or Freezing Point: not applicable
 Boiling Point: 100°C variable
 Vapour Pressure (mm Hg@25°C): Greater than 17 at 20°C
 Vapour Density (Air=1): Greater than 1
 Solubility in Water (g/L @20°C): Dilutable
 Percent Volatile (by weight): 45
 Specific Gravity (Water=1): 1.27
 Evaporation Rate (Butyl Acetate=1): Less than 1

INGREDIENTS

	CAS Reg. No.	Approx. Proportion	WES-TWA
Polymer	Not Classified	Med 10-50%	None Established +
Titanium Dioxide	13463-67-7	Med 10-30%	10mg/m ³ +
Inorganic Pigments	Mixture	Med 5-20%	10mg/m ³ #
Water	7732-18-5	Med 20-60%	None Established +
Alcohol Solvents	Mixture	Trace	None Established +
Ammonia	7664-41-7	Trace	25ppm+

+ NZ OSH (WES) 2002

MANUFACTURERS DATA

HEALTH HAZARD INFORMATIONHealth Effects

Skin: Irritating to skin upon repeated or prolonged contact.
 Eyes: Moderately irritating to eyes.
 Inhaled: Vapour or mist is irritating to mucous membranes and respiratory system.
 Excessive inhalation can cause headache, nausea, dizziness, or asphyxiation.
 Swallowed: Can be harmful if swallowed.

Long Term Hazard: None anticipated with this product.

First Aid

Skin: Wash affected area thoroughly with soap and water.
 Eyes: Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
 Inhaled: Provide fresh air, give oxygen or artificial respiration if breathing laboured.
 Swallowed: If Swallowed, dilute by giving two glasses of water to drink. DO NOT induce vomiting-consult Physician or New Zealand Poison Centre (PH 0800-764-766) IMMEDIATELY. Never give anything by mouth to an unconscious person.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection

Skin:	Protective clothing. Gloves or neoprene, nitrile rubber or PVC - Industrial weight lined gauntlet recommended
Eyes:	Safety eyewear with splash guards or side shields to prevent eye contact
Breathing:	SPRAY: Half facepiece, class P1 particulate filter.
Other:	
Ventilation:	Sufficient ventilation, in volume and pattern, should be provided to keep air contaminant concentrations below WES-TWA limits.

SAFE HANDLING INFORMATION

Storage and Transport

Storage:	Maximum 40°C. Store cool and constant temperature.
Temperature:	Minimum 1°C
Container Type and Material:	polypropylene pails
Incompatible Substances:	Strong oxidizers, acids, alkalis
Conditions to Avoid:	Freezing, excessive heat and changes in temperature
Hazardous Polymerisation:	Will not occur.
Usual Decomposition Products:	Oxides of Carbon and Nitrogen

Spills:

Keep spectators away and avoid breathing vapours or dust. Floor may be slippery, use care to avoid falling. Dike and contain spill with inert materials (eg. Sand). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills (and as much as possible cleaning runoffs) out of municipal sewers and open bodies of water.

Disposal:

Incinerate the liquid and contaminated diking material at a permitted facility, or otherwise dispose of in accordance with all applicable regulations.

Fire/Explosion Hazard:

Flash point:	>100°C.
Auto Ignition Temperature:	Not applicable
Upper Explosion Limit %:	Not applicable
Lower Explosion Limit %:	Not known
Extinguishing Media:	Foam, Carbon Dioxide, Dry Chemical, Water.

Special Fire Fighting Procedures:

None (Note: material can splatter above 100°C. Polymer film can burn).

OTHER INFORMATION

1. Titanium Dioxide pigments and fillers when formulated as above do not pose dust hazards unless sanding or grinding of the dry coating takes place. The WES (TWA) values are those for nuisance dusts.
2. N.O.S. NOT OTHERWISE SPECIFIED

Contact Point: New Zealand Poison Centre 0800-764-766

End of MSDS

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