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MATERIAL SAFETY DATA SHEET

Version Number: 6

Date Issued: 1/07/2006

IDENTIFICATION

Product Name: IMPERITE I.F. 503 BASE

Other Names: IMPERITE I.F. 502 SEMIGLOSS BASE

Proper Shipping Name PAINT RELATED MATERIAL

Uses: Major component of two component protective coating

Group Standard Surface Coatings & Colourants. Flammable

Substance Classification 3.1B, 6.3A, 6.4A, 6.8B, 6.9B

U N Number: 1263

Classification of Hazardous Nature:

Dangerous Goods Class: 3

HAZARDOUS according to NZ HSNO Regulations. Regulated under NZS5433 for land transportation.

Hazchem Code: 3[Y]E

Packing Code: II

Physical Description/Properties

Appearance-Viscosity-Odour-pH: Coloured liquid with hydrocarbon & ester odour.

Melting or Freezing Point: Not applicable

Boiling Point: 118°C

Vapour Pressure (mm Hg @ 25 C): 1.03

Vapour Density (Air=1): 3.7 (heavier than air)

Solubility in Water (g/L @20 C): Insoluble

Percent Volatile (by weight): 48%

Specific Gravity (Water=1): 0.99 - 1.12

Evaporation Rate (Butyl Acetate=1): <1 (Slower than Butyl acetate)

INGREDIENTS

CAS Reg. No.

Approx. Proportion

WES - TWA

Xylene

1330-20-7

Med 10-60%

217 mg/m³

+ NZ OSH (WES) 2002

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: Causes Irritation to skin upon repeated or prolonged contact.

Eyes: Causes irritation to eyes.

Inhaled: Excessive inhalation can cause headache, nausea, dizziness, asphyxiation.

Swallowed: Can be harmful if swallowed.

Long Term Hazard: Contains components that are known reproductive toxins and target organ toxins.

First Aid:-

Skin: Remove / take off all contaminated clothing and wash before re-use. Wash skin with water / shower and plenty of soap. If skin irritation occurs get medical advice / attention.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention / advice.

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Inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

Swallowed: If swallowed dilute by giving two glasses of water to drink. DO NOT induce vomiting. Consult Physician or New Zealand National Poisons Centre (Ph 0800 764766) or Australian National Poison Centre (Ph 1800 131126) IMMEDIATELY. Never give anything by mouth to an unconscious person. Never give anything by mouth to an unconscious person.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Personal Protection:-

Skin: Protective clothing. Gloves of neoprene, nitrile rubber or PVC -Industrial weight lined gauntlet recommended.

Eyes: Safety eyewear with splash guards or side shields to prevent eye contact complying with AS/NZS 1337:1992.

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 at constant temperature.

Temperature: Minimum: 1°C

Container Type and Material: Lacquer lined steel tins or 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 Hydrogen

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. Keep container closed, upright when not in use. Store in cool, dry, well ventilated area.

Fire/Explosion Hazard: Flash Point: 22°C

Auto Ignition Temperature: 270°C

Upper Explosion Limit %: 8.3

Lower Explosion Limit %: 1.2

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures:

Materials can splatter above 100°C. Polymer film can burn.

Other Information:

Approved Handl Required when quantities in excess of 250Lt in container of 5Lt or less capacity or 500Lt in containers of greater than 5Lt capacity are handled.

Contact Point: New Zealand Telephone 0800 737363 Australia Telephone 1800 738383 (24 hour)

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