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MATERIAL SAFETY DATA SHEET

Version Number: 2
Date Issued: 10/11/2004

IDENTIFICATION

Product Name: ARMOURCAT BASE

Other Names:

Description: PAINT RELATED MATERIAL

Uses: Major component of 2 component protective coating

U N Number: 1263

Dangerous Goods Class: 3.3

Hazchem Code: 3[Y]

Toxic Substances Schedule: Third

Packing Code: III

Classification of Hazardous Nature:

Regulated under NZ Dangerous Goods Legislation. Regulated under NZ Toxic Substance Legislation. Regulated under NZS5433 for land transportation.

Physical Description/Properties

Appearance-Viscosity-Odour-pH: Coloured viscous liquid. Solvent odour

Melting or Freezing Point: not known

Boiling Point: 110°C

Vapour Pressure (mm Hg @ 25 C): not known

Vapour Density (Air=1): > 1

Solubility in Water (g/L @20 C): < 50

Percent Volatile (by weight): 35

Specific Gravity (Water=1): 1.2

Evaporation Rate (Butyl Acetate=1): > 1

INGREDIENTS

INGREDIENTS	CAS Reg. No.	Approx. Proportion	WES - TWA
Polyester Resin	Not Registered	10 - 30%	Not Known
Urea Formaldehyde Resin	Not Registered	10 - 30%	Not Known
Aromatic Hydrocarbon	64742-95-6	10 - 30%	250 mg/m ³ [Manuf]
Butanol (iso-)	78-83-1	0 - 60%	152 mg/m ³
Toluene	108-88-3	0 - 10%	188 mg/m ³
Xylene	1330-20-7	0 - 10%	217 mg/m ³
Silica Amorphous	7631-86-9	trace	10 mg/m ³
Inert Ingredients*	Various	0 - 60%	

* Proportions/Type varies with colour

+ NZ OSH (WES) 2002 Manuf = Manufacturer

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: Irritating to skin upon repeated or prolonged contact. Can cause sensitisation or allergic reactions such as rash or hives.

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: Overexposure to solvents can cause damage to kidney, liver & lungs.

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 National Poisons Centre (Ph 0800 764766) or Australian National Poison Centre (Ph 1800 131126) IMMEDIATELY. 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-Industrial weight lined gauntlet recommended.

Eyes: Splashproof goggles

Breathing: Class AUS-1 half face respirator with type A organic vapour filter.

Other: Use in well ventilated area with explosion proof equipment. Mixed product contains hazards from both components.

Ventilation: Sufficient ventilation, in volume and pattern, should be provided to keep air contaminant concentrations below WES - TWA limit.

SAFE HANDLING INFORMATION

Storage and Transport:-

Storage Maximum: 40°C. Store cool at constant temperature.

Temperature: Minimum: 5°C

Container Type and Material: Steel tins.

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. 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: not known

Upper Explosion Limit %: not known

Lower Explosion Limit %: not known

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical.

Special Fire Fighting Procedures:

Wear self contained breathing apparatus. Closed containers may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks and open flame.

Other Information:

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

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

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