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MATERIAL SAFETY DATA SHEET

Version Number: 6
Date Issued: 15/09/2004

IDENTIFICATION

Product Name: POLYMERIC AV-8

Other Names:

Description: PAINT

Uses: High build vinyl protective coating

U N Number: 1263

Dangerous Goods Class: 3.3

Hazchem Code: 3[Y]

Toxic Substances Schedule: Third

Packing Code: 111

Classification of Hazardous Nature:

Hazardous according to NZ Dangerous Goods and Toxic Substance Regulations.

Physical Description/Properties

Appearance-Viscosity-Odour-pH: White or coloured viscous liquid. Strong sweet solvent odour.

Melting or Freezing Point: Not known

Boiling Point: 100°C

Vapour Pressure (mm Hg @ 25 C): 1.1

Vapour Density (Air=1): Greater than 1

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

Percent Volatile (by weight): 47%

Specific Gravity (Water=1): 1.1

Evaporation Rate (Butyl Acetate=1): Less than 1

INGREDIENTS

INGREDIENTS	CAS Reg. No.	Approx. Proportion	WES - TWA
Xylene	1330-20-7	Med 10-60%	50 ppm +
Esters (mixture)	Not known	Med 10-60%	None Established +
Vinyl Copolymer Resin	Not known	Med 10-60%	None Established +
Titanium Dioxide	13463-67-7	Med 10-60%	10 mg/m ³ +
Methyl Isobutyl Ketone	108-10-1	Low 0-10%	50 ppm +
Acrylic Resin	Not known	Low 0-10%	None Established +
Hydrocarbon Resin	Not known	Low 0-10%	None Established +

+ NZ OSH (WES) 2002

HEALTH HAZARD INFORMATION

Health Effects:-

Skin: Irritating to skin upon repeated or prolonged contact.

Eyes: Irritating to eyes.

Inhaled: Respiratory irritation, dizziness, loss of consciousness.

Swallowed: Local irritation of oral, oesophageal and gastric mucosae with burning, substernal pain, nausea and vomiting.

Long Term Hazard: Repeated and prolonged occupational overexposure to solvents can damage liver, brain, and central nervous system.

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 764 766) Australian National Poisons Centre (Ph 1800 131 126) IMMEDIATELY. Never give anything by mouth to an unconscious person.

Advice to Doctor: Material if aspirated into lungs may cause chemical pneumonitis. Treat appropriately.

PRECAUTIONS FOR USE

Personal Protection:-

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

Eyes: Solvent resistant safety eyewear with splash guards or side shields to prevent eye contact

Breathing: Class AUS 1 half face respirator with type A organic vapour filter and class P1 particulate filter.

Other: Use in well ventilated area with explosion proof equipment.

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: Steel tins.

Incompatible Substances: Strong oxidizers, acids, alkalis.

Conditions to Avoid: Heat, open flame, arc or sparks

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: 28°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 container 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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