

MATERIAL SAFETY DATA SHEET

EPoxy FLOORCOAT 1:1 HARDENER

Date : 1 July 2002

HAZARDOUS NATURE Corrosive

MANUFACTURER **EPG (2002) Limited**
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IDENTIFICATION

PRODUCT NAME Epoxy Floorcoat 1:1 Hardener
Manufacturers Product Code **EFH**
Shipping Name Corrosive Liquid N.O.S.
U.N. Number UN 1760
Dangerous Goods Class 8
Subsidiary Risk Not Applicable
Hazchem Code 2X
Toxic Substances Schedule S5
Packing Group III
Uses Epoxy hardener. One part of a 2 pack epoxy system requiring both parts to be mixed according to the manufacturers instructions.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance & Odour Syrup Resin with mild, ammonia odour
Boiling Point > 200 deg C
Specific Gravity @ 20°C 1.0 – 1.02
Flash Point, °C >150
Flammability Limits No Data
Volatile Content <10% by Weight
Solubility in Water, % mass Miscible

INGREDIENTS

Chemical Entity	CAS No.	Weight%	LD50	Hazard Symbols	Risk Phrases
Isophorone diamine	2855-13-2	10-20	1.03mg/kg		R21/22, R34 R52
mbiscyclohexylamine4,4	1761-71-3	10-20	625mg/kg		R51/53, R35/37
Substituted phenol	84852-15-3	1-10		Xn, Xi	R22, R43
Aromatic alcohol	100-51-6	20-30		Xn	R22, R36/38
Alcohol		1-10			R20/22

Ingredients determined to be non hazardous, or below the hazardous threshold: to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS OF OVER EXPOSURE

SWALLOWED No acute toxicity data available. Not expected to cause health effects.

EYE CONTACT Irritating, causing redness and burning sensation.

SKIN CONTACT Can cause mild skin irritation or dermatitis, and may cause moderate to strong sensitizing of skin on prolonged or repeated contact.

INHALED Not expected to be an inhalation hazard under normal conditions.
Vapour at elevated temperatures may cause respiratory irritation.

CHRONIC EFFECTS OF OVER EXPOSURE No acute toxicity data available. Irritation and sensitization of the skin after prolonged exposure, or repeated contact is possible.

OTHER HEALTH Can be classified as practically non-toxic, and at most, slightly toxic percutaneously. Eye irritation is expected to be, at most moderate.

EMERGENCY AND FIRST AID

SWALLOWED No specific measures are indicated as not expected to cause adverse health effects.

EYES Flush eyes with copious quantities of fresh water for at least fifteen (15) minutes.
Retract eyelids frequently. Seek medical attention immediately!

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SKIN Wash skin thoroughly with soap and water. If skin irritation occurs, the affected should be removed from all association with solvents, resins, curing agents and formulated mixtures and referred to a doctor.

INHALATION No specific measures are necessary at normal temperatures. Vapour of mixed product at elevated temperatures can cause mild irritation. Remove the affected to fresh air source.

NOTES TO PHYSICIAN

If skin sensitization has developed, and a causal relationship has been confirmed, further exposure to this product and analogous compounds should not be allowed. Treat Symptomatically.

PRECAUTIONS FOR USE

REACTIVITY DATA

STABILITY

STABLE

When stored separately in tightly sealed original container.

CONDITIONS TO AVOID

Temperatures above 200-250°C. Vigorous polymerization can occur on contact with caustic @ 200°C.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

May form toxic materials; carbon monoxide, and carbon dioxide.

EXPOSURE STANDARDS

Not Established

ENGINEERING CONTROLS

Local exhaust not required. Adequate ventilation to keep vapour concentrations below TLV recommended

SAFE HANDLING INFORMATION

STORAGE

Store in original container. Keep container closed at all times. Store in a cool, well ventilated place, below 25°C. Store away from heat, naked flames, and sparks. Store away from direct sunlight. Store away from oxidizing agents, and their vapours. Store securely away from children. Keep away from foodstuffs, drink, and washing areas.

TRANSPORT

Not Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land For local transportation within New Zealand refer NZS 5433:1999

SPILLS AND DISPOSAL

Not classified as Flammable but will burn

Spills Minor – Absorb with sand, sawdust or earth. Collect in drums and arrange for disposal by a competent contractor, in accordance with local regulations.

Spills Major – Wear appropriate protective clothing and equipment. Dyke area of spill and transfer to empty drums. Arrange for disposal by a competent contractor, in accordance with local regulations.

Disposal – Paint related materials containers are recyclable when empty. Do not rinse residue down the drain. Preferably use up all of the material before disposing of the container. If it is not possible to use up all of the material, arrange for disposal by a competent hazardous waste contractor by incineration or landfill as appropriate, in accordance with local regulations.

FIRE EXPLOSION HAZARD

Not deemed to be a Fire Explosion Hazard.

OTHER INFORMATION

SAFETY

Refer to Technical Data Sheet for this product for Directions for Use.

RISK & SAFETY PHRASES

Risk Phrases :

R20/21/22,

R34/35/36/37/38 Irritating to eyes and skin

R51/52/53 Toxic to aquatic organisms, may cause long term adverse affects in the aquatic environment

Safety Phrases :

S28 After contact with skin, wash immediately with plenty of soap and water

S37/39 Wear suitable gloves and eye/face protection

CONTACT POINT

Manager

649 573 1112 or 027 438 9946 (24 Hours)

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