

MATERIAL SAFETY DATA SHEET

EPOXYPATCH 1:1 RESIN

Date : 1 January 2002

MANUFACTURER

EPG (2002) Limited

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IDENTIFICATION

PRODUCT NAME

Epoxy Patch Resin

Manufacturers Product Code

PTYR

Shipping Name

Not Applicable

U.N. Number

Not Applicable

Dangerous Goods Class

Non hazardous

Subsidiary Risk

Not Applicable

Hazchem Code

Not Applicable

Packing Group

Not Applicable

Uses

Epoxy glue. Solvent-less. One part of a 2 pack epoxy system requiring both parts to be mixed according to the manufacturers instructions.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance & Odour

White resin paste. Mild, sweet odour

Boiling Point

>100 deg C

Specific Gravity @ 20°C

1.75 – 1.8

Flash Point, °C

Flammability Limits

Volatile Content

0.0% by Weight

Solubility in Water, % mass

Not soluble

INGREDIENTS

Chemical Entity

CAS No.

Weight%

LD50 oral

LD50dermal

LD50inhalation

Hazard Symbols

Risk Phrases

Rat

Rat or Rabbit

Rat

Diglycidyl ether of
bisphenol A/F

25068-38-6

>35

>5000

T, Xi

R24, R41, R38, R43

258064-14-4

>15

Silicon dioxide

112945-52-5

>10

Silicic acid sodium salt

1344-09-8

>10

Ingredients determined to be non-hazardous

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!

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.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid copper and brass. UV light induces a slow oxidation process in the presence of oxygen. Lewis acids and bases, primary and secondary amines, amides, carboxylic acid anhydrides, dibasic organic acids and phenols as curing agents to form cured epoxy resins.

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 – Collect in drums and arrange for disposal by a competent contractor, in accordance with local regulations.
Spills Major – Transfer to empty drums. Arrange for disposal by a competent contractor, in accordance with local regulations.
Disposal – 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

When sanding, use a dust respirator.
Refer to Technical Data Sheet for this product for Directions for Use.

RISK & SAFETY PHRASES

Risk Phrases :
R24, R41, R38, R43

Safety Phrases :
None Required

CONTACT POINT

Managing Director 649 573 1112 or 027 438 9946 (24 Hours)