

Safety Data Sheet:

SECTION 1: Identification of the Material and Supplier

Product Name: Rockepoxy High Build Epoxy Concrete/Metal Paint Hardner B
Recommended Use: Coating for all types of flooring substrates.
Company Name: Commercial Coatings Manufacturers Ltd **Address:** P.O. Box 33 529,
Takapuna, Auckland 0622.
Phone: 09 483 4833
Emergency Phone: New Zealand Poisons Centre 0800 764 766

Section 2: Hazards Identification

Hazard Classification: Classified as Dangerous Good under NZS 5433:2007

Substance Classification: 6.3 (A) 6.4 (A) 6.5 (B) 9.1 (C)

Hazard Statements: Causes skin irritation
Causes eye irritation.
May cause an allergenic skin reaction.
Moderately harmful to aquatic life
Keep out of reach of children and pets.
Do NOT induce vomiting if swallowed.

Section 3: Composition/Information on Ingredients

Ingredients:	%	CAS No	TWA
Reaction Products of;			
Epichlorhydrin and Bisphenol A	20 – 50	025068-38-6	1.9 mg/m ³
Epichlorhydrin and Bisphenol F	20 - 50	028064-14-4	N/A
Allyl Glycidyl ether.	< 5	068609-97-2	N/A

Section 4: First Aid Measures

Eyes: Rinse Cautiously with water for several minutes.
Swallowed: Do not induce vomiting. Give glass of water and call NZ Poisons Centre
Skin: Wash contaminated area with warm water and soap.
Inhaled: Remove to fresh air and allow to recover. If patient is uncomfortable call doctor.
Chronic Health Affects: None Identified
Advice to Doctors: Treat Symptomatically

Section 5: Fire Fighting Measures

Extinguisher: Foam, Carbon Dioxide, Dry Chemical
Hazards from Burning: Non Flammable but will emit toxic fumes when heated.
Precautions for firefighters: Keep containers cool. Wear breathing apparatus and protective clothing.
Hazchem Code: N/A
Flash Point: 153°C

Section 6: Accidental Release Measures

- Emergency Procedures:** Keep onlookers away and avoid breathing vapours or dust.
Prevent spills from entering sewers or waterways.
- Minor Spills:** Clean up immediately.
Use absorbent clean materials such as sawdust
Keep spills and cleaning runoffs out of sewers and waterways
Wear protective clothing and breathing equipment
Sweep up
Store in separate container for recovery/disposal
- Major Spills:** **Contain spill with inert materials such as sand**
Keep spills out of sewers and waterways
Restrict access to area
Notify Fire Brigade
Wear protective clothing and breathing equipment
Stop leak if safe to do so.
Collect recoverable material into labeled containers and dispose in accordance with local by-laws and regulations.

Section 7: Handling & Storage

- Precautions for Safe Handling:** Keep out of reach of children. Avoid skin and eye contact.
- Storage temperatures:** 0°C - 40°C
Avoid damaging containers. Keep lids on securely when not in use.
Do not store with food products.

Section 8 Exposure Control / Personal Protection

- Occupational Exposure Limit:** No value assigned for this product but individual raw materials are:
- Personal Protection:**
- Eyes:** Use approved eye safety glasses when applying any paint
- Hands/Feet:** Protective Cover-All's. PVC or rubber gloves and approved safety boots.
- Breathing Apparatus:** Not required

Section 9: Physical & Chemical Properties

- Appearance:** Clear viscous liquid
- Odour:** Low Solvent
- Vapour Pressure:** N/A
- Vapour Density (air = 1):** N/A
- Solubility in water:** Miscible
- Boiling Point:** N/A
- Specific Gravity:** 1.1

Section 10: Stability & Activity

- Chemical Stability:** Stable under normal handling and storage conditions
- Conditions to avoid:** Avoid contact with foodstuffs, freezing and excessive heat.
Avoid contact with acids, bases and oxidizing agents.
- Hazardous Decomposition Products:** Oxides of carbon and hydrogen.
- Hazardous Reactions:** Not subject to hazardous polymerization.

Section 11: Toxicological Information

Acute Oral Toxicity (LD50/Rat). > 5,000 mg/kg.
Acute Dermal Toxicity (LD50/rat). 20,000 mg/kg.

Section 12 Ecological Information

Ecotoxicity: Novepoxy is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/l in most sensitive species) Acute LC50 for water flea daphnia magna is 1.3 mg/l. Acute LC50 for fathead Minnow (Pimephales promelas) is 3.1 mg/l. Toxicity to aquatic species occurs at concentration greater than the water solubility. Maximum accepted concentration (MATC) in water flea daphnia magna is .55 mg/l. Growth inhibition threshold in bacteria is >42.6 mg/C/L. Activated sludge Respiration inhibition test (OECD Test 209) is >100 mg/l.

Section 13: Disposal Considerations

Disposal methods: For large quantities consult a licensed waste contractor.
For small quantities: do not pour leftover paint down drains. Leftover paint can be disposed of by brushing on to cardboard and allowing to dry. The dried material can then be disposed of in a landfill. Check for recycling of containers in a recycling programme.

Section 14: Transport Information

UN Number: 3082
Dangerous Goods Class: 9
Hazchem Code: 3Y
Packaging Group: 111
Shipping Name: Paint - Environmentally Hazardous substance - Epoxy paint.

Section 15: Regulatory Information

Group Standard: HSR002658 Surface Coatings and Colourants - Corrosive
Approved Handler: Not Required for general use.

Section 16: Other Information

Date of Preparation: 19th November 2014
References: SDS's for raw materials
Abbreviations:
CAS No Chemical Abstract Service number
TWA Time weighted average