

Safety Data Sheet:

SECTION 1: Identification of the Material and Supplier

Product Name: Rockepoxy Cycloaliphatic Cure Epoxy Paint Part A
Recommended Use: Coating for concrete fiberglass metal wood 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 Classification

Hazard Classification: Hazardous according to HSNO Regulations
The product is classified and labeled according to the Globally Harmonized System (GHS)



GHS05 Corrosion and GHS07



Hazard Classifications

6.1D - Substances that are acutely toxic - Oral
6.1D - Substances that are acutely toxic - Dermal
8.2B - Substances that are corrosive to dermal tissue
8.3A - Substances that are corrosive to ocular tissue
6.5B - Substances that are contact sensitisers
9.1C - Substances that are harmful in the aquatic environment

Hazard Statements:

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read label before use.
P260 Do not breathe dust, fume, gas, mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Continues on next page.

P321 Specific treatment (see product label).

P322 Specific measures (see product label).

P330 Rinse mouth. P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Storage Precautionary Statement

P405 Store locked up.

Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Dangerous Goods Classification: Classified as a dangerous good for transport according to ADG.

UN No: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. Dangerous Goods Class:

8 Packing Group: III

Hazchem Code: 2X

Emergency Response Guide No: 36

Combustible Liquid: Classified as a C2 according to AS 1940-2017 Storage and handling of flammable and combustible liquids.

Poison Standard: Not Applicable

Exposure Standards: No value assigned for this specific material by Safe Work Australia.

AICS: Formulations where all components are AICS listed.

Classification system: ·

NFPA ratings (scale 0 - 4)

Health = 3

Fire = 1

Reactivity = 0 ·

HMIS-ratings (scale 0 - 4)

Health = 3

Fire = 1

Reactivity = 0 ·

Other hazards

Results of PBT and vPvB assessment Not applicable.

Section 3: Composition/Information on Ingredients

Chemical characterization: Mixtures

Description: Mixture: consisting of the following components.

2855-13-2 3-	aminomethyl-3,5,5-trimethylcyclohexylamine	20-40%
100-51-6	Benzyl alcohol	30-50%
68609-08-5	Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with	
bisphenol A diglycidyl ether homopolymer		20-40%

Section 4: First Aid Measures

Description of first aid measures ·

General information:

Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation: Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor. ·

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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:

2x

Flash Point:

150°C Closed Cup

Combustible Liquid:

Classified as a C2 according to AS 1940-2017 Storage and handling of flammable and combustible liquids.

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.

Wash thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Do not breathe dusts or mists

Wear protective gloves / protective clothing

Wear eye protection / face protection

Do not store with food products.

Keep away from ignition sources.

Ensure good ventilation at work place.

Section 8 Exposure Control / Personal Protection

• **Additional information about design of technical systems:** No further data; see item 7.

Control parameters ·

Components with limit values that require monitoring at the workplace:

100-51-6 Benzyl alcohol

WEEL 10 ppm

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

• **Personal protective equipment:**

Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. ·

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:**

Safety glasses

Tightly sealed goggles ·

Body protection:

Protective work clothing Boots

Section 9: Physical & Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Color: Light yellow ·

Odor: Ammonia-like ·

pH-value: 9.0 ·

Change in condition Melting point/Melting range: Undetermined.

Boiling point/Boiling range: > 200 °C (> 392 °F)

Flash point: 101 °C (214 °F)

Ignition temperature: 435 °C (815 °F) ·

Danger of explosion: Not applicable.

Explosion limits: Lower: 1.3 Vol % Upper: 13.0 Vol %

Vapor pressure at 20 °C (68 °F): < 13.33 hPa (< 10 mm Hg) ·

Density at 25 °C (77 °F): 1.06 g/cm³ (8.846 lbs/gal)

Solubility in / Miscibility with Water: Insoluble.

Other information No further relevant information available.

Section 10: Stability & Activity

•**Reactivity** No further relevant information available.

Chemical stability

•**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions Reacts with strong acids and oxidizing agents.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

•**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

Section 11: Toxicological Information

Information on toxicological effects ·

Acute toxicity: ·

LD/LC50 values that are relevant for classification:

100-51-6 Benzyl alcohol

Oral LD50 1230 mg/kg (rat)

Dermal LD50 2000 mg/kg (rabbit)

Primary irritant effect: ·

on the skin: Caustic effect on skin and mucous membranes. ·

on the eye:

Strong caustic effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

Carcinogenic categories ·

IARC (International Agency for Research on Cancer) None of the ingredients is listed. · NTP (National

Toxicology Program) None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration) Not applicable

Section 12 Ecological Information

•**Toxicity** ·

Aquatic toxicity: No further relevant information available. ·

Persistence and degradability: Not easily biodegradable ·

Behavior in environmental systems: ·

Bioaccumulative potential No further relevant information available. ·

Mobility in soil No further relevant information available. ·

Results of PBT and vPvB assessment Not applicable. ·

Other adverse effects No further relevant information available.

Section 13: Disposal Considerations

Disposal methods: ·

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport Information

UN-Number ·
DOT UN 2735 ·
ADR, IMDG, IATA 2735 ·

UN proper shipping name ·
ADR 2735 AMINES, LIQUID, CORROSIVE, N.O.S., mixture ·
IMDG, IATA AMINES, LIQUID, CORROSIVE, N.O.S., mixture ·

Transport hazard class(es) ·
DOT, ADR, IMDG, IATA ·
Class 8 Corrosive substances ·
Label 8 ·

Packing group ·
DOT, ADR, IMDG, IATA III ·

Environmental hazards: ·
Marine pollutant: No ·
Special precautions for user Warning: Corrosive substances ·
Danger code (Kemler): 80 ·
EMS Number: F-A,S-B ·
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.
UN Number: 2735
Dangerous Goods Class: 8
Hazchem Code: 2X.
Packaging Group: 111
Shipping Name: Amines,Liquid, Corrosive, NOS,Epoxy paint.
Emergency Response 36



Section 15: Regulatory Information

Group Standard: HSR002658 Surface Coatings and Colourants - Corrosive

Approved Handler: Not Required for general use.
Safety, health and environmental regulations/legislation specific for the substance or mixture ·
Sara ·
Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

Section 16 Toxic Substances Controls Act

TSCA (Toxic Substances Control Act):

All ingredients are listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS05 GHS07



Signal word Danger

· Hazard statements Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Precautionary statements

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Do not breathe dusts or mists.

Wear protective gloves / protective clothing.

Wear eye protection / face protection.

Avoid release to the environment.

Do not eat, drink or smoke when using this product.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

If swallowed: Call a poison center/doctor if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Wash contaminated clothing before reuse.

If swallowed: Rinse mouth. Do NOT induce vomiting.

Take off contaminated clothing and wash it before reuse. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of preparation / last revision 19/0/2019 / -

Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4