

SAFETY DATA SHEET

PERMATEX 84160 PERMAPOXY 1MIN GN PURP EPXY CLR DUAL SYR 25ML PART 2

Infosafe No.: 5APKZ
ISSUED Date : 16/01/2018
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier

PERMATEX 84160 PERMAPOXY 1MIN GN PURP EPXY CLR DUAL SYR 25ML PART 2

Product Code

PX84160 (Part 2)

Company Name

ITW AAMTECH (ABN 63 004 235 063)

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Fax: +61 2 9725 4698; 1800 308 556

Emergency phone number

1800 638 556

E-mail Address

info@aamtech.com.au

Recommended use of the chemical and restrictions on use

Epoxy curing agent

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Skin Corrosion/Irritation: Category 1B

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Signal Word (s)

DANGER

Hazard Statement (s)

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Pictogram (s)

Corrosion



Precautionary statement – Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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.

P363 Wash contaminated clothing before reuse.

Precautionary statement – Storage

P405 Store locked up.

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Polyamine-Polymercaptan Blend		60-100 %
Ethanamine, 2,2'-oxybis[N,N-dimethyl-	3033-62-3	1-5 %
Other ingredients not contributing to the classification		Balance

4. FIRST-AID MEASURES

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

Skin

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Eye contact

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 or doctor/physician.

First Aid Facilities

Eye wash, safety shower and normal washroom facilities.

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂), Dry chemical, Foam

Hazards from Combustion Products

Thermal decomposition can lead to release of irritating gases and vapors.

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen

Special Protective Equipment for fire fighters

Wear protective equipment.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Hazchem Code

2X

Decomposition Temperature

Not Available

Other Information

In case of fire, keep containers cool with water spray.

Collect contaminated fire fighting water separately. It must not enter drains.

6. ACCIDENTAL RELEASE MEASURES

Methods And Materials For Containment And Cleaning Up

Prevent further leakage or spillage if safe to do so.

Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Personal Precautions

Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin.

Use personal protective equipment as required.

Environmental Precautions

Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Other Information

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

Unsuitable Materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Not Applicable

Appropriate Engineering Controls

Ensure good ventilation/extraction

Respiratory Protection

If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Eye Protection

Wear chemical goggles and face shield.

Hand Protection

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Liquid

Colour

Amber

Odour

Mercaptan

Decomposition Temperature

Not Available

Boiling Point

Not Available

Solubility in Water

Not available

pH

Not Available

Vapour Pressure

Not Available

Vapour Density (Air=1)

Not Available

Evaporation Rate

Not Available

Odour Threshold

Not Available

Viscosity

80-150 cm²/s

Volatile Component

Not Available

Partition Coefficient: n-octanol/water

Not Available

Surface tension

Not Available

Flash Point

>93°C

Auto-Ignition Temperature

Not Available

Explosion Limit - Upper

Not Available

Explosion Limit - Lower

Not Available

Explosion Properties

Not Available

Molecular Weight

Not Applicable

Oxidising Properties

Not Available

Relative density

1.12

Melting/Freezing Point

Not Available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions

Conditions to Avoid

Excessive heat.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen

Oxides of sulphur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

Ethanamine, 2,2'-oxybis[N,N-dimethyl-:

LD50 (Rat): 1045 mg/kg

ATEmix (oral) 2836.6 mg/kg

Acute Toxicity - Inhalation

Ethanamine, 2,2'-oxybis[N,N-dimethyl-:

LC50 (Rat): 117 ppm/6h

ATEmix (inhalation-vapor) 366.7

Acute Toxicity - Dermal

Ethanamine, 2,2'-oxybis[N,N-dimethyl-:

LD50 (Rabbit): 238 mg/kg

ATEmix (dermal) 10000 mg/kg

Ingestion

Can burn mouth, throat and stomach. Ingestion may cause irritation to mucous membranes.

Inhalation

Causes burns. May cause irritation of respiratory tract.

Skin

Corrosive to skin. May cause skin irritation and/or burns.

Eye

Causes eye damage. Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

12. ECOLOGICAL INFORMATION

Ecological information

DO NOT discharge into sewer or waterways.

Persistence and degradability

No information available.

Mobility

No information available.

Bioaccumulative Potential

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Container Disposal

Do not reuse container.

14. TRANSPORT INFORMATION

U.N. Number

3267

UN proper shipping name

CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.(Mercaptan mixture)

Transport hazard class(es)

8

Packing Group

III

Hazchem Code

2X

IERG Number

37

Other Information

IATA

UN no.: 3267

Proper shipping name: Corrosive liquid, basic, organic, n.o.s, (Mercaptan mixture)

Hazard Class: 8

Packing Group: III

IMDG

UN no.: 3267

Proper shipping name: Corrosive liquid, basic, organic, n.o.s, (Mercaptan mixture)

Hazard Class: 8

Packing Group: III

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

All ingredients are on the inventory

16. OTHER INFORMATION

Revisions Highlighted

Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

END OF SDS

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