

Safety Data Sheet

According to HSNO Regulations

Initial preparation date: 04.23.2018

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POR-15 EPOXY PUTTY - PART A

SECTION 1: Identification

Product identifier

Product name: POR-15 EPOXY PUTTY - PART A

Product code: 49033-A, 249033-A

Additional information: No additional information available.



Recommended use of the product and restriction on use:

Relevant identified uses: Sealant & Adhesive

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

P.O.R. Products
38 Portman Road
New Rochelle, NY 10801
914-636-0700

Supplier:

HGLB Holdings
30 Victoria Street
Petone 5012
021 446682
sales@por15nz.com

Emergency telephone number:

ChemTel Inc.

+1 813 248 0585

Poisons Information Center, New Zealand

0800 764 766

SECTION 2: Hazards identification

Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2017

HSNO Classification or Subclasses – Physical hazards:

Class	GHS Category	HSNO Category
None	None	None

HSNO Classification or Subclasses – Health hazards:

Class	GHS Category	HSNO Category
Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A
Skin sensitization	Category 1	6.5B

HSNO Classification or Subclasses – Environmental hazards:

Class	GHS Category	HSNO Category
Chronic aquatic hazard	Category 2	9.1B

GHS classification:

Eye irritation, category 2A

Skin irritation, category 2

Skin sensitization, category 1

Chronic aquatic hazard, category 2

Label elements

Hazard pictograms:

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Signal word: Warning

Hazard statements and Precautionary statements:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

P264 Wash skin thoroughly after handling.

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

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists get medical advice/attention

P321 Specific treatment (see first aid instructions on this label).

P362 Take off contaminated clothing and wash before reuse

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P313 If skin irritation occurs: Get medical advice/attention

P362+P364 Take off contaminated clothing and wash it before reuse.

P363 Wash contaminated clothing before reuse

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention

P391 Collect spillage

P501 Dispose of contents/container according to local regulations.

Hazards not otherwise classified: None known.

SECTION 3: Composition/information on ingredients

Mixture:

Identification	Name	Weight %
CAS number: 14808-60-7	Silica, crystalline quartz	0.1-1
CAS number: 25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	10-30
CAS number: 14807-96-6	Talc	30-60
CAS number: 65997-17-3	Glass, oxide, chemicals	30-60

Additional information:

None known

SECTION 4: First-aid measures

For advice, contact a Poisons Information Center (e.g. phone Australia 131 126, New Zealand 0800 764 766) or a doctor.

Description of first aid measures

General notes:

Not determined or not available.

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After inhalation:

- Loosen clothing as necessary and position individual in a comfortable position
- Maintain an unobstructed airway
- Get medical advice/attention if you feel unwell

After skin contact:

- Rinse affected area with soap and water.
- If symptoms develop or persist, seek medical attention.
- Take off all contaminated clothing
- Gently blot or brush away excess product
- Wash with plenty of lukewarm, gently flowing water
- Get medical advice if skin irritation occurs or you feel unwell

After eye contact:

- Rinse/flush exposed eye(s) gently using water for 15-20 minutes
- If symptoms develop or persist, seek medical attention
- Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open
- Remove contact lenses, if present and easy to do so
- Continue rinsing for 15-20 minutes
- Get medical advice if eye irritation persists

After swallowing:

- Rinse mouth thoroughly
- Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed:

Acute symptoms and effects:

Not determined or not available.

Delayed symptoms and effects:

Not determined or not available.

Immediate medical attention and special treatment:

Specific treatment:

Not determined or not available.

Notes for the doctor:

Not determined or not available.

Workplace Facilities:

Not determined or not available.

SECTION 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

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

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Special precautions:

- Carbon monoxide and carbon dioxide may form upon combustion.
- Heating causes a rise in pressure, risk of bursting and combustion.

Hazchem or Emergency Action Code:

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Not determined or not available.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

- Ensure adequate ventilation.
- Ensure air handling systems are operational.
- Wear protective eye wear, gloves and clothing.

Environmental precautions:

- Should not be released into the environment.
- Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up:

- Wear protective eye wear, gloves and clothing.
- Sweep or scoop up solid material while minimizing dust generation.
- Dispose of contents / container in accordance with local regulations.

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage precautions

Precautions for safe handling:

- Use only with adequate ventilation.
- Avoid breathing mist or vapor.
- Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

- Keep container tightly sealed.
- Keep container dry.
- Store in a cool, well-ventilated area.

Safe packaging material

Suitable material:

Not determined or not applicable.

Unsuitable material:

Not determined or not applicable.

SECTION 8: Exposure controls and personal protection

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
New Zealand	Silica, Crystalline Quartz	14808-60-7	TWA: 0.1 mg/ m ³ (Respirable dust)
New Zealand	Talc	14807-96-6	TWA: 2 mg/m ³ (Respirable dust containing no asbestos fibers)

Biological limit value:

No biological exposure limits noted for the ingredient(s)

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls

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Biological monitoring may also be appropriate for some substances

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Appearance	White pasty solid
Odor	Ethereal
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Product does not sustain combustion
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Flammable in the presence of sources of ignition
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	1.923
Solubilities	Easily soluble in: methanol and acetone; Insoluble in: cold water and hot water.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	>200°C (>392°F)
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

Not determined or not available.

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SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity:

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation:

Assessment: Causes skin irritation

Product data: No data available.

Substance data:

Name	Result
Phenol, 4,4'-(1- methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Irritating to the skin.

Serious eye damage/irritation:

Assessment: Causes serious eye irritation

Product data: No data available.

Substance data:

Name	Result
Phenol, 4,4'-(1- methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Irritating effect on the eyes.

Respiratory or skin sensitization:

Assessment: May cause an allergic skin reaction

Product data: No data available.

Substance data:

Name	Result
Phenol, 4,4'-(1- methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Sensitization possible through skin contact.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Species	Result
Glass, oxide, chemicals	Not applicable	May cause cancer via inhalation.
Silica, crystalline quartz	Silica, crystalline quartz	Airborne particles of respirable size are known to cause cancer.

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International Agency for Research on Cancer (IARC):

Name	Classification
Talc	Group 3 - Not classifiable as to its carcinogenicity to humans
Glass, oxide, chemicals	Group 2B
Silica, crystalline quartz	Group 1 - Carcinogenic to humans

National Toxicology Program (NTP):

Name	Classification
Glass, oxide, chemicals	Reasonably anticipated to be human carcinogens
Silica, crystalline quartz	Known to be human carcinogens

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met

Product data: No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: May cause respiratory irritation. May cause drowsiness or dizziness

Product data: No data available.

Substance data:

Name	Result
Silica, crystalline quartz	Component affects the lungs through repeated exposure.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data:

Name	Result
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	EC50 - Scenedesmus capricornutum - 9 mg/L - 48 h

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

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Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Hazard to the ozone layer

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.


SECTION 13: Disposal considerations

Disposal methods:


It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities.

SECTION 14: Transportation information

Road/Rail transport: (NZS 5433:1999)

UN number	3082
UN proper shipping name	Environmentally hazardous substance, liquid, N.O.S (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran)
UN transport hazard class(es)	9 
Packing group	III
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	3082
UN proper shipping name	Environmentally hazardous substance, liquid, N.O.S (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran)
UN transport hazard class(es)	9 
Packing group	III
Environmental hazards	None
Special precautions for user	None
ERG code	None
Excepted quantities	None
Passenger and cargo	None

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Cargo aircraft only	None
Limited quantity	None
Additional Information	No additional data

International Air Transport Association Dangerous Goods Regulations (IATA-ICAO)

UN number	3082	
UN proper shipping name	Environmentally hazardous substance, liquid, N.O.S (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran)	
UN transport hazard class(es)	9	
Packing group	III	
Environmental hazards	None	
Special precautions for user	None	

Transport in bulk according to Annex II of MARPOL and the IBC Code: No additional data

SECTION 15: Regulatory information

New Zealand Inventory of Chemicals (NZIoC):

14808-60-7	Silica, crystalline quartz	Listed
25068-38-6	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxiran	Listed
14807-96-6	Talc	Listed
65997-17-3	Glass, oxide, chemicals	Listed

HSNO Classification or Subclasses:

Class	GHS Category	HSNO Category
Eye irritation	Category 2A	6.4A
Skin irritation	Category 2	6.3A
Skin sensitization	Category 1	6.5B
Chronic aquatic hazard	Category 2	9.1B

HSNO Group Standard Name :	HSNO Approval Number:
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2017	HSR002670

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SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet