

SVENIC POLYUREA JOINT SEALANT PART A - POLYOL MSDS

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: POLYUREA JOINT SEALANT - POLYOL

Svenic Product Code: PASAR

Synonym: None

Use: Polyurethane joint sealer polyol

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AUSTRALIA

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Emergency Advice All Hours: 0419 526 265

2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO NOHSC CRITERIA

Hazard Category: Toxic (T), Irritant (Xi)

Hazard Classification: HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

RISK PHRASES

R43 May cause sensitisation by skin contact.

R50 Very toxic to aquatic organisms.

R53 May cause long term adverse effects in the aquatic environment.

R60 May impair fertility.

R61 May cause harm to the unborn child.

SAFETY PHRASES

S2 Keep out of reach of children.

S23 Do not breathe gas/fumes/vapour/spray.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S28 After contact with skin, wash immediately with plenty of soap and water

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

S46 If swallowed, contact a doctor or Poisons Information Centre immediately and show this container or label.

S53 Avoid exposure - obtain special instructions before use.

Poison Schedule: S5 [Aust]

This material is a Scheduled **S5** Poison and must be stored, handled and used according to the appropriate regulations.

Warning Statement:

Avoid contact with eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME Proportion CAS Number

DI-(METHYLTHIO)TOLUENEDIAMINE [DMTDA] 1 to 10% 106264-79-3

TERTIARY AMINE CATALYST (Below Cutoff) Less than 1% Mixture

PIGMENT (containing 10-30% DI-OCTYL PHTHALATE 117-81-7) 1 to 10% Mixture

All other ingredients not hazardous according to NOHSC Criteria.

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4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. If person is conscious give water to drink. Seek medical attention immediately.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists seek medical attention.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap.

Flush skin with water. Seek medical attention if irritation persists after washing.

Inhaled:

Remove victim to fresh air. Apply resuscitation if victim is not breathing. If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous decomposition products:

Decomposes on heating emitting toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Fire fighting procedures:

Fire fighters to wear Self-Contained Breathing Apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing media:

Use extinguishing media suitable for surrounding fire situation. Use foam, water spray(fog), CO2 or dry powder. Use water spray to cool fire-exposed containers and for large fires.

HAZCHEM CODE:

None allocated [Aust]

FLAMMABILITY:

This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined in Section 8 of this Material Safety Data Sheet. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material).

Collect and seal in properly labelled containers for disposal.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition.

Store away from oxidising agents. Keep containers closed when not using the product. Store in original packages as approved by manufacturer.

Purge with nitrogen and close container when not in use. Do not eat, drink or smoke in the workplace.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards have been assigned by [NOHSC] for this product or any of the components:

DI-(METHYLTHIO)TOLUENEDIAMINE [DMTDA]

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC)

TERTIARY AMINE CATALYST (Below Cutoff)

No Exposure details available

PIGMENT (containing 10-30% DI-OCTYL PHTHALATE 117-81-7)

No Exposure details available

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. If exhaust ventilation is not available or inadequate, use approved respirator to Australian Standards.

Personal Protection Equipment

CLOTHING: Wear suitable protective clothing to prevent skin contact.

GLOVES: Wear impervious gloves to prevent skin contact - PVC or natural rubber.

EYES: Wear safety glasses with side shields, chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a respirator for organic vapours with disposable or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey liquid

Boiling Point Melting Point: Not determined

Vapour Pressure: Not determined

Specific Gravity: 1.07

Flash Point: Not determined

Flammability Limits: Not determined

Solubility in Water: Not determined

Other Properties: None

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis, acids, oxidizing agents.

CONDITIONS TO AVOID: Heat, flames, ignition sources and incompatibles.

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label.

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Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

Toxic if swallowed.

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

Toxic by skin contact.

Will cause irritation to the skin, with effects including; Redness, itchiness, and possible dermatitis.

Inhaled:

Toxic if inhaled.

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Prolonged or repeated exposure may lead to irreversible damage to health.

Prolonged or repeated exposure may lead to permanent irreversible injury.

Prolonged or repeated contact with this substance will cause sensitisation by skin contact.

Additional information for Chronic

DI-(METHYLTHIO)TOLUENEDIAMINE [DMTDA]:

Acute Oral LD50 (rat) = 1515 mg/kg

Acute Dermal LD50 (rabbit) > 2000 mg/kg

Rats given Di-(methylthio)toluenediamine (DMTDA) in the diet for up to 90 days showed increased liver metabolic activity. There were kidney effects observed that were unique to male rats. These effects were similar to changes that have been observed in male rats given hydrocarbons. These effects resolved in animals allowed 30 days recovery. Rats treated for 24 months did not have microscopic alterations in any tissues compared to the control animals. Tumours seen in control and treated animals were usual for age and strain of rats.

Toxicological Data:

There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

There is no information available for this product.

Mobility:

There is no information available for this product.

Persistence / Degradability:

There is no information available for this product.

Chemical Fate Information:

This substance is Very Toxic to aquatic organisms

This substance may cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

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14. TRANSPORT INFORMATION

ROAD TRANSPORT

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Toxic (T), Irritant (Xi)

AIR TRANSPORT

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Toxic (T), Irritant (Xi)

SEA TRANSPORT

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Toxic (T), Irritant (Xi)

15. REGULATORY INFORMATION

Poison Schedule: S5 [Aust]

Inventory Status:

Inventory Status

Australia (AICS) Y

Y = all ingredients are on the inventory.

16. OTHER INFORMATION

Date of Preparation:

Issue date 30/4/2010

Supersedes: None

Reasons for Update:

First Issue

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally

Harmonized System for the classification and labelling of Chemicals. [Int]

EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

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Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Material Safety Data Sheet (MSDS) makes this a valid health and safety document in other international jurisdictions/countries.

For full compliance please contact your Federal, State or Local regulators for further information.

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF MSDS