

MATERIAL SAFETY DATA SHEET

Dymeric Base

Issue Date: 2 July 1998

Re-issued: 1st July 2000

Re-issued 11th September, 2007

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: Tremco Pty Limited
Address: Unit 1, 2 Park Rd, RYDALMERE NSW 2116
Telephone no: 02 96382755
Facsimile no: 02 96382955
Emergency Telephone no: 1800224512 (business hours only)

IDENTIFICATION

Product Name: Dymeric®
Suppliers Code: T131
UN Number: None allocated
Dangerous Goods Class and Subsidiary Risk: None allocated (if applicable)
Hazchem Code: None Allocated
Packaging Group: None Allocated
Correct Shipping Name: None Allocated
Poisons Schedule Number: None Allocated

Use: **For the sealing of moving building joints, e.g. between precast concrete panels, expansion and control joints and joints of plaza decks. Applied by bulk caulking gun.**

Physical Description/Properties

Appearance: Off white paste
Odour: Mild odour of solvent and monomers
Boiling Point (°C): Not relevant
Vapour Pressure: Not available
Vapour Density: Not available
Specific Gravity: 1.24
Flammability Limits: LEL: Not available
(% by vol.): UEL: Not available
Solubility in Water: Negligible
pH: Not relevant
Percent Volatiles (by wt.): <5
Evaporation Rate: >1
(ether=1)
Self Ignition Temperature: Not available

Typical Compositional Information

Chemical Name:	CAS Number:	Proportion:
Polyurethane polymer, epoxy modified		30-60%
Calcium Carbonate	1317-65-3	10-30%
Petroleum solvent	8030-30-6	<5%
Silica	14808-60-7	<1%

HEALTH HAZARD INFORMATION

Health Effects:

Acute Effects

Swallowed: May cause nausea and irritation to the gastrointestinal tract. May result in vomiting. Aspiration (breathing) of vomitus can cause chemical pneumonitis which can result in lung damage and possibly death.

Eye: May cause irritation

Skin: May cause irritation and skin sensitisation.

Inhaled: High vapour concentrations are irritating to the eyes and respiratory tract. May cause giddiness, headaches, dizziness and nausea. Can produce central nervous system depression which can, in turn, lead to loss of co-ordination, impaired judgement and if exposure is prolonged, result in stupor and unconsciousness.

Chronic exposure effects:

Prolonged or repeated contact will dry and defat the skin, eventually causing irritation, dermatitis and possibly skin sensitisation. May cause sensitisation of the respiratory system. Repeated overexposure to vapours may adversely affect the brain, heart, lungs, liver, kidneys, spleen, respiratory system, central nervous system and skin.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

First Aid:

Swallowed: DO NOT induce vomiting. Obtain medical attention immediately.

Eye: Flush immediately with copious amounts of running water, while holding the eyelids open, for 15 minutes or until irritation subsides. Obtain medical attention immediately.

Skin: Remove any contaminated clothing and flush area with water. Use soap and water or proprietary handcleaner if available. If irritation, rash or other disorders develop seek medical attention.

Inhaled: Remove person to fresh air. Avoid further overexposure. If symptoms persist seek medical attention. If breathing stopped, give artificial respiration. Keep person calm and obtain medical attention immediately.

PRECAUTIONS FOR USE

Exposure Standards: None assigned. The ACGIH TWA TLV for the solvent is 80 ppm. The TWA TLV for the solvent is 100 ppm.

Engineering Controls: Always provide adequate ventilation. If mechanical, use explosion proof equipment. Wear appropriate, properly fitted Standards Association of Australia (SM) approved respirator when airborne contaminant level(s) exceed the exposure limits indicated on the MSDS. Follow respirator manufacturers directions for respirator use.

PRECAUTIONS FOR USE

Personal Protection: Avoid contact of product with skin and eyes. Do not swallow. Avoid inhalation of vapours. Contaminated clothing should be removed and laundered before re-use. Wear chemical splash goggles or face shield to prevent eye contact. Wear chemically resistant gloves (insoluble plastic or insoluble rubber) and protective clothing to prevent skin contact. Wash hands thoroughly after handling. In non-emergency situations where inhalation risk of overexposure exists, wear Standards.

Association of Australia (SM) approved respirator (suitable for hydrocarbon vapours). Correct fit is essential to obtain adequate protection. For confined spaces or emergencies involving very high concentrations use SM approved self contained breathing apparatus (SCBA).

Flammability: Adequate ventilation required. Keep containers closed when not in use. This product can release vapours that can form flammable mixtures upon heating. DO NOT handle or store near open flame, heat, sparks or strong oxidants. DO NOT SMOKE while using. Precautions also apply to empty containers.

SAFE HANDLING INFORMATION

Storage and Transport: This product is not classified as a dangerous good under the provisions of the "Australian Code for the Transport of Dangerous Goods by Road and Rail". Check containers are clearly labelled. Keep containers securely sealed. Keep away from heat, store in a cool place. Store under normal warehouse conditions. Keep container closed when not in use. Prevent inhalation of vapour, ingestion, and contact with eyes or skin. Precautions also apply to emptied containers. Change soiled work clothes frequently. Clean hands thoroughly after handling.

Reactivity Data

Stability: Stable.

Materials to Avoid: Strong oxidants, like liquid chlorine, concentrated oxygen, sodium hypochlorite. Also amines, amides etc.

Hazardous decomposition

Products: Thermal decomposition, see Fire Hazard.

Spills & Disposal: Remove all ignition sources. Keep people away. Recover free material. Avoid breathing vapours. Ventilate enclosed spaces. Do not allow product to enter streets, sewers or waterways. Assure conformity with applicable disposal regulations. Dispose of material at an approved disposal site or facility.

SAFE HANDLING INFORMATION

Fire/Explosion Hazard:

Flammability: Product is non flammable however enclosed curative is flammable.

Extinguishing Media: Use dry chemical, foam or carbon dioxide fire extinguishers. Use water spray to cool fire exposed surfaces and to protect personnel. Minimise breathing gases, vapour, fumes or decomposition products. Carbon monoxide evolved if combustion incomplete - high hazard. Use self contained air breathing equipment for enclosed areas. This product can form flammable mixtures upon heating.

Hazardous

Decomposition: Fumes and smoke. Hydrocyanic acid and oxides of nitrogen may form. Carbon monoxide, in the case of incomplete combustion.

OTHER INFORMATION

Contact Point: The OHS&E Officer
Telephone no: 1800224512 (business hours)

The information provided by TREMCO in relation to TREMCO's goods or their use is given in good faith, which has been compiled from various sources and is believed by TREMCO to be appropriate and reliable. The actual use and application of the goods will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information.

MATERIAL SAFETY DATA SHEET

Dymeric Curative

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STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: Tremco Pty Limited
Address: Unit 1, 2 Park Rd, RYDALMERE NSW 2116
Telephone no: 02 96382755
Facsimile no: 02 96382955
Emergency Telephone no: 1800224512 (business hours only)

IDENTIFICATION

Product Name: Dymeric® Curative
Suppliers Code: Not Applicable
UN Number: 2924
Dangerous Goods Class and Subsidiary Risk: 3 sub risk 8
Hazchem Code: 3W
Packaging Group: III
Correct Shipping Name: Flammable Liquids, Corrosive, N.O.S. (contains amine)
Poisons Schedule Number: Schedule 5
Use: **Curative for the joint sealant, Dymonic®. Curative is mixed into the base prior to application.**

Physical Description/Properties

Appearance: Clear amber liquid
Odour: Pungent odour of amine
Boiling Point (°C): Not available
Vapour Pressure: Not available
Vapour Density: Not available
Specific Gravity: 0.92 approx.
Flammability Limits: LEL: Not available
(% by vol.): UEL: Not available
Solubility in Water: Low
pH: Not relevant
Percent Volatiles (by wt.): 10 approx.
Evaporation Rate: >1
(ether=1)
Self Ignition Temperature: Not available

Typical Compositional Information

Chemical Name:	CAS Number:	Proportion:
Amido amine	9046-10-0	>60%
Petroleum solvent	8052-41-3	<10%

HEALTH HAZARD INFORMATION**Health Effects:****Acute Effects**

Swallowed:	May be toxic. May cause nausea and irritation to the gastrointestinal tract. May result in vomiting. Aspiration (breathing) of vomitus can cause chemical pneumonitis which can result in lung damage and possibly death.
Eye:	Causes severe irritation and chemical burns.
Skin:	Causes irritation and skin sensitisation.
Inhaled:	High vapour concentrations are irritating to the eyes and respiratory tract. May cause chemical burns and respiratory sensitisation. May cause giddiness, headaches, dizziness and nausea. Can produce central nervous system depression which can, in turn, lead to loss of co-ordination, impaired judgement and if exposure is prolonged, result in stupor and unconsciousness.

Chronic exposure effects:

Prolonged or repeated contact will dry and defat the skin, eventually causing irritation, dermatitis and possibly skin sensitisation. May cause sensitisation of the respiratory system. Repeated overexposure to vapours may adversely affect the brain, heart, lungs, liver, kidneys, spleen, respiratory system, central nervous system and skin.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

First Aid:

Swallowed:	DO NOT induce vomiting. Obtain medical attention immediately.
Eye:	Flush immediately with copious amounts of running water, while holding the eyelids open, for 15 minutes or until irritation subsides. Obtain medical attention immediately.
Skin:	Remove any contaminated clothing and flush area with water. Use soap and water or proprietary handcleaner if available. If irritation, rash or other disorders develop seek medical attention.
Inhaled:	Remove person to fresh air. Avoid further overexposure. If symptoms persist seek medical attention. If breathing stopped, give artificial respiration. Keep person calm and obtain medical attention immediately.

PRECAUTIONS FOR USE

Exposure Standards: None assigned. The ACGIH TWA TLV for the solvent is 100 ppm.

Engineering Controls

Always provide adequate ventilation. If mechanical, use explosion proof equipment. Wear appropriate, properly fitted Standards Association of Australia (SM) approved respirator when airborne contaminant level(s) exceed the exposure limits indicated on the MSDS. Follow respirator manufacturers directions for respirator use.

PRECAUTIONS FOR USE

Personal Protection: Avoid contact of product with skin and eyes. Do not swallow. Avoid inhalation of vapours. Contaminated clothing should be removed and laundered before re-use. Wear chemical splash goggles or face shield to prevent eye contact. Wear chemically resistant gloves (insoluble plastic or insoluble rubber) and protective clothing to prevent skin contact. Wash hands thoroughly after handling. In non-emergency situations where inhalation risk of overexposure exists, wear Standards Association of Australia (SM) approved respirator (suitable for hydrocarbon vapours). Correct fit is essential to obtain adequate protection. For confined spaces or emergencies involving very high concentrations use SM approved self contained breathing apparatus (SCBA).

Flammability: Adequate ventilation required. Keep containers closed when not in use. This product can release vapours that can form flammable mixtures upon heating. DO NOT handle or store near open flame, heat, sparks or strong oxidants. DO NOT SMOKE while using. Precautions also apply to empty containers.

SAFE HANDLING INFORMATION

Transport

UN NO: 2924
 Class: 3 (Subsidiary risk 8)
 Packaging Group: III

Storage: Store under normal warehouse conditions. Keep container closed when not in use. Prevent inhalation of vapour, ingestion, and contact with eyes or skin. Precautions also apply to emptied containers. Change soiled work clothes frequently. Clean hands thoroughly after handling.

Reactivity Data

Stability: Stable.

Materials to Avoid: Strong oxidants, like liquid chlorine, concentrated oxygen, sodium hypochlorite. Also acids.

Hazardous decomposition

Products: Thermal decomposition, see Fire Hazard.

Spills & Disposal: Remove all ignition sources. Keep people away. Recover free material. Add absorbent (sand, earth, sawdust etc.) to spill area. Avoid breathing vapours. Ventilate enclosed spaces. Do not allow product to enter streets, sewers or waterways. Assure conformity with applicable disposal regulations. Dispose of material at an approved disposal site or facility.

SAFE HANDLING INFORMATION**Fire/Explosion Hazard:**

Flammability: Flammable.

Extinguishing Media: Use dry chemical, foam or carbon dioxide fire extinguishers. Use water spray to cool fire exposed surfaces and to protect personnel. Minimise breathing gases, vapour, fumes or decomposition products. Carbon monoxide evolved if combustion incomplete - high hazard. Use self contained air breathing equipment for enclosed areas. This product can release vapours that readily form flammable mixtures at temperatures at or above its flash point.

Hazardous

Decomposition: Fumes and smoke. Carbon monoxide, in the case of incomplete combustion. Ammonia may form on combustion in limited air supply.

OTHER INFORMATION

This product has been classified C, Corrosive hazardous product according to the criteria of Worksafe Australia and is noted with the Risk Phrase R34, R41, Causes burns and risk of serious damage to eyes.

Contact Point: The OHS&E Officer
Telephone no: 1800224512 (business hours)

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