

MATERIAL SAFETY DATA SHEET

Dymonic FC

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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: Dymonic®
Suppliers Code: 960-8XX
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: Various coloured paste
Odour: Slight
Boiling Point (°C): Not relevant
Vapour Pressure: Not available
Vapour Density: >1
Specific Gravity: 1.454
Flammability Limits: LEL: Not available
(% by vol.): UEL: Not available
Solubility in Water: Negligible
pH: Not relevant
Percent Volatiles (by wt.): 3.22
Self Ignition Temperature: Not available

Typical Compositional Information

Chemical Name:	CAS Number:	Proportion:
Polyurethane polymer, epoxy modified	Trade Secret	20-35%
Calcium Carbonate	471-34-1	40-55%
Butyl Benzyl Phthalate	85-68-7	10.0-30.0%
Diisodecyl Phthalate	26761-40-0	1.0-5.0%
Stearic Acid	57-11-4	1.0-5.0%
Silica. Amorphous, Fumed	112945-52-5	1.0-5.0%
Titanium Dioxide	13463-67-7	1.0-5.0%
Carbon Black	1333-86-4	0.0-3.01%
Iron Oxide	1309-37-1	0.0-2.0%
Crystalline Silica	14808-60-7	0.01-0.1%

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 dermatitis.

Inhaled: High vapour concentrations are irritating to the eyes and respiratory tract. May cause headaches, dizziness, nausea, drowsiness, stupor and irritation to respiratory system.

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 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: Combustible

Flammability: Product is non 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)

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