

# MATERIAL SAFETY DATA SHEET

## MULTIFLEX

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	MULTIFLEX
<b>Other Names:</b>	-
<b>Recommended Use:</b>	Fire rated joint sealant
<b>Supplier:</b>	Pyropanel Developments Pty Ltd.
<b>Address:</b>	122-124 Beresford Road, Lilydale, Victoria 3140, Australia
<b>Telephone:</b>	(613) 9735 5688
<b>Facsimile:</b>	(613) 9739 5772
<b>Website:</b>	www.pyropanel.com.au

### SECTION 2: HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:** Not classified as hazardous according to criteria of Worksafe Australia.

**Risk and Safety phrases:** This product may only present a hazard with eye contact, or prolonged and repeated skin contact. Due to the form and nature of application i.e. Dispensed through a nozzle, the potential for inhalation and skin contact is reduced.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical Ingredients:</b>	<b>Proportion:</b>	<b>CAS Number:</b>
Acrylic water based resin emulsion	< 50%	65586-20-3
Fine particle mineral filler	> 50%	Not applicable
Biocide	< 0.1%	Not applicable
Surfactants & Plasticisers	< 3.0%	Not applicable
Solvent	< 0.4%	Not applicable

### SECTION 4: FIRST AID MEASURES

**Swallowed:** The product is of low toxicity but with large doses may result in nausea, vomiting and gastrointestinal irritation. If symptoms persist seek medical advice.

**Eye:** Flush with copious amounts of water. Ensure irrigation under the eyelids by occasionally lifting upper and lower lids. If symptoms persist seek medical advice.

**Skin:** Gently wash area with soap and water and if irritation persists, seek medical attention.

**Inhaled:** Remove to fresh air if over exposure occurs. If symptoms persist seek medical advice.

**Notes to the doctor:** This product can be slightly irritating to the skin, but is not known to produce any chronic health effects. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary. Any other symptoms and signs of ill health are likely to be due to other causes.

## SECTION 5: FIRE FIGHTING MEASURES

**Specific Hazards:** Non-flammable. However if strongly heated material will burn and resulting fumes should be avoided.

**Extinguishing Media:** All standard fire extinguishing media are qualified.

**Special protective precautions for fire fighters:** Standard fire fighting equipment is adequate.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Should the product be exposed during handling normal work-safe conditions as described in SECTION 8 will adequately cover the provisions required to provide a safe environment.

## SECTION 7: HANDLING AND STORAGE

**Handling:** The product is packed in plastic cartridges and pales. General rules of good workplace practice apply.

**Storage:** Store the material in a cool, dry, well-ventilated area, removed from oxidizing agents, acids and foodstuffs. Stock should not exceed "use by date" or nine months from purchase.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:** Australian Safety and Compensation Commission ASCC (formerly NOHSC)

**Australia Occupational Exposure Standard:** None allocated to this product.

**Eye Protection:** Normal chemical safety goggles may be used.

**Skin Protection:** Normal work clothing with the possible addition of rubber gloves.

**Respiratory Protection:** Nose and throat irritation may be transitory, but respiratory equipment may be required for prolonged exposure.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A grey or white viscous paste
Odour:	Slight acrylic odour
pH:	8.7
Boiling point:	100°C (initially)
Melting point:	Not applicable
Vapour pressure:	Not established
Specific gravity (water = 1):	1640 kg/m <sup>3</sup>
Solubility in water:	Miscible
Percent volatiles:	Low (not established)
Flash point:	Not applicable
Moisture content	< 25%

## SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The material is stable under normal ambient conditions
Conditions to avoid:	Very low or very high temperatures
Incompatible materials:	Oxidizing agents and acids
Hazardous decomposition products:	The decomposition of acrylic polymers under high temperatures can generate toxic materials.
Hazardous reactions:	In case of correct storage and handling dangerous reactions are unknown.

## SECTION 11: TOXICOLOGICAL INFORMATION

The information provided in this section is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to the ingredient in the present formulation. Typical data are:

Oral LD50 – rat:	> 5000mg/kg
Dermal LD50 – rabbit:	> 5000 mg/kg
Skin irritation – rabbit:	practically non-irritating
Eye irritation – rabbit:	inconsequential irritation

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Soluble components will raise BOD and COD when getting into a wastewater treatment plant; components will be biologically reduced. No adverse environmental effects would be expected if the material became accidentally released into water or soil. This product would cause no harm to fish or wildlife.

## SECTION 13: DISPOSAL CONSIDERATIONS

Any waste material should be cleaned up and disposed of in accordance with local authority guidelines. Use protective equipment as described in Section 8.

## SECTION 14: TRANSPORTATION INFORMATION

Transportation Requirements:	MULTIFLEX is not regulated as a dangerous Good. No special transport requirements are necessary.
UN Number:	None allocated
Class:	None allocated
Subsidiary Risk 1:	None allocated
Packaging Group:	None allocated
Hazchem Code:	None allocated

## SECTION 15: REGULATORY INFORMATION

**Classification:** Classified as Non Hazardous according to ASCC/NOHSC criteria. Classified as Non Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

**Poisons Schedule:** None allocated

## SECTION 16: OTHER INFORMATION

**Additional information and reference documents:** National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)], April 2003. National Code of Practice for the Labelling of Workplace Substances [NOHSC: 2012 (1994)], March 1994, Australian Government Publishing Service, Canberra. This MSDS was correct at the time it was prepared (see below for date). The Supplier, as part of its Health and Safety Programme, updates MSDS's when its ongoing review process indicates a need for a change to be made.

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