



MATERIALS SAFETY DATA SHEET

Premium-flex Fyreseal 100 Acrylic Joint Sealant

1.

Version 1

Last update 03-06-2009

Company Details

Company Name	Admil Adhesives Pty Ltd (ACN 092 730 562)
Address	8 Treforest Drive . Clayton Victoria 3168
Telephone	(03) 9558-6302
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Fax Number	(03) 9558-6305

Identification

Product Name:	Premium-flex Fyreseal 100
Other Names:	Fire rated Acrylic Joint Sealant.
UN Number:	None allocated

Not Classified as Hazardous to the Criteria of Worksafe Australia

Dangerous Goods Class & Subsidiary Risk:	None allocated
Hazchem Code:	None allocated
Manufacturer's Product Code:	BP-430
Poisons Schedule No:	None allocated

Uses: One-part Acrylic Joint Sealant for fire rated structures.

Physical Description / Properties

Property

Appearance:	Off-White or Grey Paste
Boiling Point / Melting Point:	Not Applicable
Vapour Pressure:	Not Applicable
Specific Gravity:	1.30 - 2.00 kg/litre (density of water = 1.00)
Flashpoint:	Not Applicable
Flammability Limits:	Not Applicable
Solubility in Water:	Soluble
Autoignition Temperature:	Not Applicable

Typical Values

Other Properties:

Fire Rating: Tested and approved in accordance with AS1530-4, 1990
Can achieve a fire resistance rating of up to 4 hours depending on joint configuration and design elements.

Per Cent Volatiles: 25-30% by Volume

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Ingredients:

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion:</u>
Ingredients determined to be non-hazardous:		90 - 100%
Glass Frits	65997-18-4	0 - 10%
Additives	Not Hazardous	0 - 1%

HEALTH HAZARD INFORMATION

Health Effects:

No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute

Swallowed:	Low toxicity.
Eye:	May cause mild irritation to the eyes.
Skin:	Prolonged or repeated skin contact may cause slight irritation.
Inhaled:	Unlikely unless heated.

Chronic:

There have been no reports in the literature of health effects in workers arising from long term exposure to this substance and no comprehensive human studies have been conducted. No animal studies have been conducted for long term effects.

First Aid:

Swallowed:	Do not induce vomiting. Give water orally.
Eye:	Flush with water. Seek medical attention if irritation persists.
Skin:	Remove soiled clothing and wash skin with soap and water. Launder clothing before re-use.
Inhaled:	Remove to fresh air. Allow to rest. Allergic response (irritation, wheezing, etc.) - see doctor.
First Aid Facilities:	No specific first aid facilities are required.
Advice to Doctor:	Take this Material Safety Data Sheet (MSDS) to doctor. Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards:	Not determined.
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Engineering Controls:	Ensure adequate ventilation is provided in confined spaces.	
Personal Protection:	For people with sensitive skin, the use of rubber gloves is recommended. Avoid direct contact with skin and eyes.	
Flammability:	Not flammable under conditions of use.	

SAFE HANDLING INFORMATION

Storage and Transport:	Store in a cool place and avoid damage to containers. Wear protective clothing and avoid contact with skin and eyes. Keep containers sealed and clearly labelled.
Spills and Disposal:	Absorb spills in dry, inert materials. Clean up spills immediately and do not allow to enter drains, waterways, etc.. Dispose in sealed drums in an approved waste disposal area in accordance with all regulations.
Fire / Explosion Hazard:	Non-flammable (Water based). Extinguish with water fog (mist), CO ₂ , foam, dry powder.

OTHER INFORMATION

Sensitivity:	May be irritating to skin and eyes. May cause sensitisation by skin contact. Avoid contact with skin. Wear suitable gloves and eye protection. Follow good working practise and handle with care. Avoid ingestion and inhalation.
Packaging & Labelling:	Keep clearly labelled and in original sealed container.
Regulatory Information:	All ingredients are listed in the Australian Inventory of Chemical Substances.
Technical Data:	A Technical Data Sheet is readily available upon request for this product.

References:

1. Australian Health Minister's Advisory Council, *Standard for the uniform scheduling of drugs and poisons*, No. 11., Australian Government Publishing Service, Canberra, 1996.
2. National Occupational Health and Safety Commission, *National Code of Practice for the Preparation of Material Safety Data Sheets*, [NOHSC: 2011 (1994)], Australian Government Publishing Service, Canberra, 1994.
3. National Occupational Health and Safety Commission, *Exposure Standards for Atmospheric Contaminants in the Occupational Environment*, [NOHSC: 1003 (1995)], Australian Government Publishing Service, Canberra, 1995.

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4. National Occupational Health and Safety Commission,

List of Designated Hazardous Substances, [NOHSC: 1005 (1994)], Australian Government Publishing Service, Canberra, 1994.

5. National Occupational Health and Safety Commission, *Approved Criteria for Classifying Hazardous Substances*, [NOHSC: 1008 (1994)], Australian Government Publishing Service, Canberra, 1994.

6. National Occupational Health and Safety Commission, *National Code of Practice for the Labelling of Workplace Substances*, [NOHSC: 2012 (1994)], Australian Government Publishing Service, Canberra, 1994.

7. National Occupational Health and Safety Commission, 'National Code of Practice for the Control of Workplace Hazardous Substances' [NOHSC: 2007 (1994)], in *Control of Workplace Hazardous Substances: National Model Regulations and National Code of Practice*, Australian Government Publishing Service, Canberra, 1994.

8. Standards Australia, AS 1216 *Classification, Hazard Identification and Information Systems for Dangerous Goods Part 2 - Hazchem Emergency Action Code*, Standards Australia, Sydney.

9. Standards Australia, AS 2106 *Methods for the Determination of the Flashpoint of Flammable Liquids (Closed Cup)*, Standards Australia, Sydney.

10. Commonwealth of Australia, *Australian Code for the Transport of Dangerous Goods by Road and Rail*, 6th Ed., Australian Government Publishing Service, Canberra, 1998.

11. SP&M Building Products internal data.

Notice

The details contained herein are based on our present state of knowledge and experience and are to characterize our product with regard to any possible safety requirement. We do however pass them on without any warranty or property assurances.

The data and advice given apply only when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the products is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.