

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

Product/Material: Polyurethane sealant
Product Description: One part moisture cured polyurethane sealant
Trade Name: Seal-Flex (all colours)
Chemical Name & Synonyms: N/A
Chemical Family: N/A
Name of Contact: G. J. Coombes
Importer: Aerobolt Pty Ltd
Address: 12/2 Barry Road, Chipping Norton, NSW, 2170, Australia
Emergency Telephone Number: +61 2 97553747

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

(A) Substances classified under CHIP (Symbol letters and Risk Phrases)
(1) Diphenylmethane diisocyanate (MDI) <0.5% (101-68-8) Xn 20-36/37/38-42
(2) Xylene <5% (1330-20-7) Xn 10-20/21-38

(B) Non-classified substances
(1) Dibutyltin didodecanoate <0.1% (77-58-7) Xn 20/22-36

SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

(i) Inhalation Irritating effects on nose, throat and respiratory tract
(ii) Skin Contact May cause irritation after prolonged exposure, defatting of the skin and possible dermatitis
(iii) Eye Contact Irritation
(iv) Ingestion Unlikely to occur – will cause discomfort
(v) Delay effects after exposure Isocyanates – hypersensitivity possible with difficulty in breathing coughing and asthma

SECTION 4: FIRST AID MEASURES

(i) Inhalation Remove from contaminated atmosphere and seek medical attention
(ii) Skin Contact Remove contamination using proprietary resin-removing cream Wash area with soap and water
(iii) Eye Contact Flush with copious amounts of water. Seek medical attention
(iv) Ingestion Do not induce vomiting. Seek medical attention

SECTION 5: FIRE & EXPLOSION HAZARD DATA

Flash Point (°C)	N/A
Flammable Limits (% by volume)	N/A
Autoignition Temperature	N/M
Suitable extinguishing media	Foam, powder, carbon dioxide, water spray
Decomposition/Combustion products	Carbon monoxide, carbon dioxide, nitrogen oxide, isocyanate vapour and traces of hydrogen cyanide
Special fire fighting procedures	Isocyanates will support combustion. Do not breathe smoke. Personnel downwind must be evacuated. Do not discharge extinguishing water into streams, rivers and lakes.
Special protective fire fighting equipment	Full face, positive pressure, self-contained breathing apparatus and full protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS AND LEAKS

Personal protection	Adequate ventilation. Protective gloves and eye protection
Environmental precautions	No adverse environment effects anticipated
Cleaning up method	Allow to cure. Remove as inert, solid industrial waste

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapours
Conditions for safe storage	Store temperature 5°C - 25°C. Must be kept dry

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Maximum exposure limit 8 hour TWA	0.02 mg/m ³ (isocyanates)
Maximum exposure limit 10 min ref.	0.07 mg/m ³ (isocyanates)
Precautionary Engineering Measures	In high concentration conditions, local exhaust ventilation. If concentration likely to exceed MEL, suitable organic vapour mask.
Hand protection	Impervious gloves
Eye protection	Glasses or goggles
Skin protection	Protective overalls

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance	Coloured one-component sealant moisture curing to a flexible solid
Odour	Aromatic
pH	N/A
Viscosity	Thixotropic paste
Density (H ₂ O = 1)	Approx 1.22
Vapour density	89 mbar at 20° C
Explosion limits	N/A
Water solubility (% by weight)	Insoluble
Conductivity	N/A
Boiling point/boiling range (°C)	N/A
Melting point/melting range (°C)	N/A
Flash point (°C)	N/A
Flammability limits	N/A

SECTION 10: STABILITY & REACTIVITY

Stability / Conditions to avoid	Stable. Avoid moisture
Incompatibility / Materials to avoid	Alcohols and amines. Water
Hazardous decomposition products	None under normal conditions
Hazardous polymerisation	None

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous ingredients	See section 2
Immediate health effects	See section 3
Delayed health effects	See section 3
Acute effects (short term)	See section 3
Chronic effects (long term)	See section 3

SECTION 12: ECOLOGICAL INFORMATION

Environmentally dangerous ingredients	None identified
Mobility	Non-flowing paste
Persistence and degradability	Not established
Bioaccumulative potential	Not established. None expected
Aquatic toxicity	Not established. None expected
Marine pollutant	No

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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of waste materials	Allow to moisture cure. Treat as inert, solid industrial waste
Disposal of waste containers	Normal industrial waste
Disposal restrictions	No
Statutory notification required	No

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT / LABEL INFORMATION

Designation	Non-hazardous
UN Number	N/A
UN Packaging group	N/A
IMDG classification	N/A
Special precautions re carriage	N/A
Symbol	N/A
Required phrases	Contains isocyanates, see information supplied by manufacturer

The information contained in this Safety Data sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety legislation. The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Signed.....
G.J.Coombes, Quality Assurance Manager