



MATERIAL SAFETY DATA SHEET FOR: SUPERSEAL 101

Replaces: December 2005. Date of issue: September 2007

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Superseal 101
Other Names: Not applicable
Recommended Use: Expansion joint sealant, general purpose joint sealing

Company: H. B. Fuller
Address: 16-22 Red Gum Drive, Dandenong South VIC 3175
Telephone: (03) 9797 6222
Emergency Telephone No: 1800 033 111

2. HAZARD IDENTIFICATION

Classified as hazardous according to criteria of Worksafe Australia

R42 May cause sensitisation by inhalation

3. COMPOSITION

Ingredients

CHEMICAL ENTITY	CAS NO	PROPORTION
Polyurethane resin		High
Filler	471-34-1	High
DOP	117-81-7	Med
Hydrocarbons	64742-81-0	Low
MDI	101-68-1	Low

Low <10% Med. 10-30% High 30-60% V High >60%

4. FIRST AID MEASURES

Swallowed:

Rinse mouth with water, arrange for transport to nearest medical facility for examination and treatment by doctor. Do not induce vomiting as this may increase chance of aspiration into lungs causing chemical pneumonitis

Eyes:

If in eye, irrigate immediately with copious amounts of water for 15 minutes with eyelids held open. Seek medical advice if ill effects persist.

Skin:

Wash affected areas with copious quantities of water immediately.
Remove contaminated clothing and wash before reuse. Seek medical advice if irritation persists.

Inhaled:

Remove victim from exposure and avoid becoming a casualty. Administer oxygen if breathing is difficult. Seek medical advice.

First Aid Facilities:

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Have eyewashes available where contact with eyes can occur

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire fighters exposed to combustion products should wear self-contained breathing apparatus. Use carbon dioxide, dry chemical foam or sand to extinguish fire. May produce carbon monoxide, carbon dioxide and oxides of nitrogen when decomposes

6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent skin and eye contact. Wipe up spilled material with rag and dispose of. Will not dissolve in water.

7. HANDLING AND STORAGE

This product is considered stable under normal storage conditions. No special handling precautions are required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards [NOHSC: 1003 (1995)].
DOP TWA 5mg/m³, STEL 10mg/m³

Engineering Controls:

Use local exhaust ventilation. All potential sources of ignition, (open flames, pilot lights, welding equipment, spark producing switches and electrical equipment etc), must be eliminated both in and near the work area. Do not use in confined spaces without adequate ventilation to prevent build up of solvent fumes. **DO NOT SMOKE**

Personal Protection:

Wear safety overalls, safety glasses and rubber gloves. Avoid contact with skin and eyes. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical Description/Properties**

Appearance: Thick coloured paste with slight hydrocarbon odour

Melting Point: Not applicable

Vapour Pressure: Not known

Specific Gravity: 1.23

Flashpoint: 55°C Closed cup

Flammability Limits: Lel 0.3 vol%, Uel 7.0 vol%

Solubility in water: Not soluble

VOC content (Californian South coast air quality management rule 1168): 135g per litre

Other Properties

Auto ignition temperature 260°C



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10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Cures on contact with moisture.

Hazardous Polymerisation:

None

Incompatibilities:

Alcohols, amines

11. TOXICOLOGICAL INFORMATION

Health Effects

ACUTE:

Swallowed:

Large amounts may cause nausea and vomiting.

Eye:

Direct contact with eye may result in irritation.

Skin:

May irritate skin.

Inhaled:

May cause irritation to nose and throat if used in a poorly ventilated area and irritate mucous membranes. May cause headaches and nausea. May cause sensitisation.

CHRONIC:

No information available

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL

Dispose strictly in accordance with local industrial waste disposal and environmental protection regulation.

14. TRANSPORT INFORMATION

Manufacturer's Code: Not applicable

UN Number: Not assigned

Dangerous Goods Class: None assigned

Subsidiary Risk: None assigned

Hazchem Code: None assigned

Poisons Schedule: Not scheduled

Packaging Group: None assigned

Storage and Transport:



H.B. Fuller Company

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This product is not a Dangerous Good for the purpose of transport. No special transport precautions are required.

15. REGULATORY INFORMATION

All components are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Contact point: Technical Manager (03) 9797 6222

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since H.B. Fuller Company Australia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.