

MATERIAL SAFETY DATA SHEET FOR: FULLER EASY CLEAR SEALANT

Replaces: July 2003. Date of issue: July 2006.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**Product Name: Fuller Easy Clear Sealant**

Other Names: ADHESIVES containing flammable liquid

Use: Sealant used in the building industry for a variety of applications. Extrude as a bead directly out of the cartridge, using a caulking gun.

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*Hazardous according to criteria of NOHSC*

Risk Phrases:

R11 Highly flammable.
R20 Harmful by inhalation

Safety Phrases:

S2 Keep out of the reach of children.
S16 Keep away from sources of ignition-No smoking
S25 Avoid contact with eyes
S29 Do not empty into drains
S33 Take precautionary measures against static discharges**3. COMPOSITION****Ingredients**

CHEMICAL ENTITY	CAS No	PROPORTION
Synthetic rubber	Not available	Med
Hydrocarbon resin	64742-95-6	High
Toluene	108-88-3	Med
Low <10%	Med. 10-30%	High 30-60%
		V High >60%

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4. FIRST AID MEASURES**Swallowed:**

If swallowed, do NOT induce vomiting. Rinse mouth with water. Give water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.

Eyes:

If in eye, irrigate immediately with copious amounts of water for 15 minutes with eyelids held open. See a doctor.

Skin:

Wash affected areas with copious quantities of soap and water immediately.
Remove contaminated clothing and wash before reuse. See a doctor if irritation persists.

Inhaled:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

First Aid Facilities:

Have eyewashes available where eye contact can occur.

Advice to Doctor

Treat symptomatically. Look for signs of aspiration into lungs.

5. FIRE FIGHTING MEASURES

FLASH POINT:	Not applicable
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Incomplete combustion can yield low molecular weight hydrocarbons, oxides of carbon, oxides of nitrogen, silicone dioxide, formaldehyde and other hazardous products of combustion.

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6. ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

CLEAN-UP: Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. HANDLING AND STORAGE**Storage and Transport:**

Store in a well ventilated area, away from sources of heat and ignition. Keep containers closed at all times and check regularly for leaks. This product is a Class 3 Dangerous Good, UN 1133, ADHESIVES containing a flammable liquid. Transport in accordance with the requirements of the ADG Code.

Hazardous Polymerisation:
None

Incompatibilities:
None

Spill and Disposal

Shut off all sources of ignition. Inform others to keep a safe distance. Wear protective equipment to prevent skin and eye contact and inhalation of vapours. Contain - prevent contamination of waterways and drains. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. Dispose strictly in accordance with local industrial waste disposal and environmental protection regulation. Normally suitable for incineration by approved agent.

Fire/Explosion Hazard:

This product is flammable. In the dry state, burning will emit carbon monoxide and other hazardous fumes. Keep containers cool with water spray. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapours. Fire fighters to wear full protective equipment. Extinguish using water, water fog, CO₂, dry chemical or foam.

Hazardous Decomposition:

Combustion will yield low molecular weight hydrocarbons, carbon monoxide and other hazardous products of combustion.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards [NOHSC: 1008 (2004)]:	TWA
Toluene:	50ppm

Engineering Controls:
Local exhaust ventilation preferred in enclosed spaces.

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

Flammability:
The product is highly flammable. All potential sources of ignition (open flames, pilot lights, spark producing electrical equipment etc.) must be eliminated both in and near the work area. Do not smoke while using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear gel
Melting Point: Not applicable
Boiling Point: Approx. 120 °C
Vapour Pressure: Approx. 10 mm Hg (at 25 °C)
Specific Gravity: 0.93
Flashpoint: 0 degrees centigrade (blend)
Flammability Limits: Not established
Solubility in water: Insoluble
VOC content: (Californian South coast air quality management rule 1168): 294 g per litre

Other Properties

No relevant data.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of temperature and humidity
CHEMICAL INCOMPATIBILITY: Not established
HAZARDOUS POLYMERIZATION
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other harmful gases be emitted upon burning

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11. TOXICOLOGICAL INFORMATION*Health Effects***ACUTE:****Swallowed:**

Liquid adhesive can cause irritation of mouth and oesophagus. Absorption of solvents from gut can cause similar effects to inhalation (see below). Dried (solvent free) adhesive is considered to be non-hazardous.

Eye:

A moderate eye irritant

Skin:

Contact with skin may result in irritation. Solvent in liquid glue will have a degreasing effect on the skin. Dried sealant is non-hazardous.

Inhaled:

Vapour may be irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of coordination, impaired judgement and, if exposure is prolonged, unconsciousness and possible death.

CHRONIC:

Narcotic in high concentrations. Long term over exposure to solvents may cause liver damage and kidney damage. Repeated or prolonged skin contact may lead to dermatitis effects.

12. ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

13. DISPOSAL

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

14. TRANSPORT INFORMATION

UN Number: 1133

Dangerous Goods Class: 3

Subsidiary Risk: None allocated

Hazchem Code: 3 [Y]

Poisons Schedule: 5

Packaging Group: III

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15. REGULATORY INFORMATION

All components of this material are registered with NICNAS and appear on the 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 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.
