

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

Maxseal Fast cure

Other Names

None

Manufacturer's Code

Not applicable

Recommended Use

Foam adhesive and sealant for use in general purpose construction

Company

H. B. Fuller Company Australia Pty. Ltd.

Address

16-22 Red Gum Drive, Dandenong South, VIC 3175

Telephone

(03) 9797 6222

Emergency Telephone No

1800 033 111

2. HAZARD IDENTIFICATION

NOHSC Classification: Hazardous substance

ADG Classification: Dangerous goods

SUSDP Classification: Not classified

Risk Phrases

R36, R37, R38 Irritating to eyes, respiratory system and skin

R42 R43 May cause sensitisation by inhalation or skin contact

Safety Phrases

S23 Do not breathe gas/fumes/vapour/spray

S36/37 Wear suitable protective clothing and gloves

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

3. COMPOSITION

Chemical Name	CAS #	Percent
1,1,1,2 Tetrafluoroethane compressed gas	811-97-2	Med
4,4 diphenylmethane diisocyanate	101-68-8	Low
Higher oliger polymers of MDI	9016-87-9	Low
Urethane polymer pre blend	-----	High

4. FIRST AID MEASURES

Swallowed

Drink one to three glasses of water immediately and seek medical attention. Do not give anything orally to an unconscious person.

Eyes

Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin

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Use rag to remove excess foam. A solvent such as acetone or mineral spirits will help remove uncured foam (though use of these products this may cause skin dryness), avoid eye contact of such solvents. Cured foam may be removed by persistent washing with water. If irritation occurs use mild skin cream and seek medical attention if irritation persists.

Inhaled

Remove victim to fresh air. Call a physician if symptoms persist.

First Aid Facilities

Have eye wash available when exposure may occur

Advice to Doctor

Treat symptomatically

5. FIRE FIGHTING MEASURES

Extinguishing Media

Foam, carbon dioxide, dry chemical powder. Water spray if large amount (though this will release carbon dioxide gas)

Hazardous combustion products

CO, CO₂, NO and trace HCN

Precautions for Firefighters

Fire fighters to wear self contained breathing apparatus if risk of exposure to vapours.

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

Foam is sticky when curing. Remove bulk of foam by scraping and then remove residue with aid of solvent such as mineral spirits, turpentine or acetone. When cured foam can only be removed by mechanical scraping

Environmental precautions

Do not allow product to enter streets, sewers or waterways

7. HANDLING AND STORAGE

Handling

Protect from freezing. Protect from physical abuse

Storage

Store in a cool, dry, ventilated location. Keep away from heat and flame. Keep container closed. Storage below 12 degrees will cause poor foam to be produced if not heated before use. Do not expose to temperatures over 50 degrees centigrade

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards [NOHSC: 1003 (2004)].

	TWA	STEL
4,4 diphenylmethane diisocyanate	.02 mg/m ³	.7 mg/m ³
1,1,1,2 Tetrafluoroethane	4240 mg/m ³	---

Biological Limit Value

None assigned

Engineering Controls

Use local exhaust ventilation or other engineering controls to minimize exposures.

Personal Protective Equipment

Eye Protection

Wear safety glasses when handling this product.

Skin Protection

Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the exposure standard is not invalidated.

Gloves

Chemical resistant

Respiratory Protection

General dilution ventilation. Avoid generating dust. Local extraction away from the operator at a face velocity of 20 m/min. when sanding or cutting the dry material with power tools.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Viscous fluid with foams on release

Colour

Beige

Odor

Slight fluorocarbon

Specific Gravity

~1.15

VOC content (Californian South coast air quality management rule 1168)(g/L)

zero g / l

Flashpoint:

Not applicable

Flammability Limits

Not applicable

Solubility in water:

Not soluble in water, soluble in organic solvents

Vapour Pressure

Not available

10. STABILITY AND REACTIVITY

Conditions to Avoid

High temperatures (over 50 degrees centigrade)

Chemical incompatibility

Alcohols, strong amines and bases, metal compounds eg metal catalysts

Hazardous polymerisation

Not established

Hazardous decomposition products

Incomplete combustion can yield CO, CO₂, NO, HCN and other hazardous products of combustion.

11. TOXICOLOGICAL INFORMATION

Eye

May cause irritation. Due to adhesive nature of foam physical damage to eye may be caused

Skin

May cause local irritation and redness. Prolonged or repeated contact may cause sensitisation or dermatitis

Inhalation

May irritate mucous membranes with tightness in chest, coughing, or allergic asthma like symptoms. Overexposure can lead to respiratory problems such as bronchitis and pulmonary edema. These effects are usually reversible.

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Overexposure to tetrafluoroethane may lead to light headedness, dizziness and lethargy. Persons with cardiac arrhythmia may be at an increased risk from overexposure

Ingestion

May cause irritation of mucous membranes in mouth and digestive track

Long term (chronic) health effect

Lungs

12. ECOLOGICAL INFORMATION

No ecological information available

13. DISPOSAL

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

14. TRANSPORT INFORMATION

This product is a Dangerous Good for the purpose of transport.

Manufacturer's Code

Not applicable

UN Number

1950 Aerosols

Dangerous Goods Class

2.2 Non flammable gas

Subsidiary Risk

None assigned

Hazchem Code

None assigned

Packaging Group**15. REGULATORY INFORMATION**

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

16. OTHER INFORMATION

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.