



MATERIAL SAFETY DATA SHEET FOR: MAXSEAL PRO

Replaces: January 2006. Date of issue: September 2007

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name: Maxseal Pro  
Other Names: Not applicable  
Recommended Use: Foam adhesive / sealant for general construction purposes

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*

R36, R37, R38 Irritating to eyes, respiratory system and skin  
R42 R43 May cause sensitisation by inhalation or skin contact

**3. COMPOSITION**

**Ingredients**

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

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

**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:  
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.



MATERIAL SAFETY DATA SHEET FOR: MAXSEAL PRO

Replaces: January 2006. Date of issue: September 2007

FIRST AID MEASURES CONTINUED:

Inhaled:

Remove to fresh air. Restore breathing, if necessary. 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**

FLASH POINT:	Approx 426 oC
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	F, dry chemical or carbon dioxide. Water spray if large quantities (water contact will product carbon dioxide)
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Foam is organic and will therefore burn and support combustion
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	CO,CO <sub>2</sub> ,NO and trace HCN

**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



MATERIAL SAFETY DATA SHEET FOR: MAXSEAL PRO

Replaces: January 2006. Date of issue: September 2007

**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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure standards [NOHSC: 1004 (2004)].

4,4 diphenylmethane diisocyanate TWA 0.02mg/m<sup>3</sup> , STEL 0.7mg / m<sup>3</sup>

Engineering Controls:  
Local exhaust ventilation is preferred

Personal Protection:

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 TLV is not invalidated.

GLOVES: Chemically impervious

RESPIRATORY PROTECTION: Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Approved air purifying respirator with organic vapour cartridge or positive pressure breathing apparatus

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Viscous fluid with foams on release
COLOR:	Grey foam
ODOR:	Slight fluorocarbon
ODOR THRESHOLD:	Not established
SPECIFIC GRAVITY:	1.2
SOLIDS (% by weight):	Not established
pH:	Not established
VOC content	zero
(Californian South coast air quality management rule 1168 )	

**10. STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions

**MATERIAL SAFETY DATA SHEET FOR: MAXSEAL PRO**

Replaces: January 2006. Date of issue: September 2007

CHEMICAL INCOMPATIBILITY:	Alcohols, strong amines and bases, metal compounds eg metal catalysts
HAZARDOUS POLYMERIZATION:	None established
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , NO, HCN

**11. TOXICOLOGICAL INFORMATION**

## POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

## 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.

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 EFFECTS

REPRODUCTIVE: Not established

TARGET ORGAN(S): Lungs

## EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:

Cardiac arrhythmia

**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**

Manufacturer's Code: Not applicable



**MATERIAL SAFETY DATA SHEET FOR: MAXSEAL PRO**

Replaces: January 2006. Date of issue: September 2007

UN Number: 1950 Aerosols

Dangerous Goods Class: 2.2 Non flammable gas

Subsidiary Risk: None assigned

Hazchem Code: None assigned

Poisons Schedule: Not scheduled

Packaging Group:

Storage and Transport: This product is a Dangerous Good for the purpose of transport.

Consult Bill of Lading for transportation information.

DOT:

IATA:

**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.