

MATERIAL SAFETY DATA SHEET FOR: FULLER WINDOW & GLASS SILICONE

Replaces: October 2006. Date of issue: September 2007

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIERProduct Name: Fuller Window and Glass Silicone
Other Names: Acid cure silicone sealant

Recommended Use: Used for sealing glass frame interfaces in the building industry. Apply directly from 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**

Not hazardous according to criteria of NOHSC

Safety Phrases:
S24/25 Avoid contact with skin and eyes**3. COMPOSITION****Ingredients**

CHEMICAL ENTITY PROPORTION	CAS No	
Dimethyl Siloxane, Hydroxy-terminated	70131-67-8	V. High
Methyltriacetoxysilane	4253-34-3	Low
Ethyltriacetoxysilane	17689-77-9	Low
Silica, amorphous	7631-86-9	Low
Other ingredients determined not to be hazardous	Not applicable	Low

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

4. FIRST AID MEASURESSwallowed:
If swallowed, rinse mouth thoroughly with water. Give plenty of water to drink. See a doctor if any ill effects persist.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 immediately with copious quantities of soap and water.

Remove contaminated clothing and wash before reuse. See a doctor if irritation persists.

Inhaled:
Remove from exposure. See a doctor if any ill effect persists.

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First Aid Facilities:

Have eyewashes available where contact with eyes can occur.

Advice to Doctor

Treat symptomatically.

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.

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 cool dry place, out of direct sunlight. Not considered a Dangerous Good. No special transport precautions are necessary.

Incompatibilities:

Keep away from strong oxidising agents.

Hazardous Polymerisation:

Will not occur

Incompatibilities:

Will cure on contact with water or atmospheric moisture. Oxidising materials.

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Spills and Disposal:

Immobilise using an absorbent and transfer to a suitable container for disposal. Wash walking surfaces with a detergent and water to reduce slipping hazard. Personnel should wear organic vapour mask during clean up. For disposal, consult responsible authority regarding statutory requirements.

Fire/Explosion Hazard:

This product is not flammable. 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, carbon dioxide, dry chemical or foam.

Hazardous Decomposition:

Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide, silicon dioxide and other hazardous products of combustion.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**Exposure Standards [NOHSC: 1008 (2004)]:**

Silica, Amorphous (Respirable fraction):

TWA.2 mg/m³

Acetic acid (Formed by contact of methyltriacetoxysilane and ethyltriacetoxysilane with air borne moisture): 10 ppm

Engineering Controls:

If not working in open air use good general ventilation that will ensure that atmospheric exposure standards are not exceeded. In confined spaces, use a local exhaust that will give sufficient face velocity away from the user to ensure that the exposure limits are not exceeded.

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:

This product is not flammable under normal condition of use. Maintain good ventilation. Do not smoke or work near ignition sources when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A thick, black or translucent paste

Melting Point: Not determined

Boiling Point: Not applicable

Vapour Pressure: Not determined

Specific Gravity: approx. 1.03

Flashpoint: Not applicable

Flammability Limits: Not determined

Solubility in water: Not soluble

VOC content (Californian South coast air quality management rule 1168): 32g 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

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HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other harmful gases be emitted upon burning

11. TOXICOLOGICAL INFORMATION**Health Effects**

ACUTE:

Swallowed:

Uncured product will irritate lips, gum and tongue. May cause stomach discomfort.

Eye:

May irritate with slight pain, redness and possible minor corneal injury. Vapour irritating to eyes and mucus membranes.

Skin:

Contact with skin may result in irritation.

Inhaled:

Vapour may cause mild respiratory irritation.

CHRONIC:

None established.

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

UN Number: None assigned

Dangerous Goods Class: None assigned

Subsidiary Risk: None assigned

Hazchem Code: None assigned

Poisons Schedule: Not scheduled

Packaging Group: Not applicable

Storage and Transport: This product is not a Dangerous Good for the purpose of transport.

Consult Bill of Lading for transportation information.

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

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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.