

**MATERIAL SAFETY DATA SHEET FOR: AF505 GLASS & METAL MATT BLACK**

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

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**Product Name: **AF505 GLASS & METAL MATT BLACK**

Other Names: Silicone sealant

Use: Sealant for the building industry. Apply directly from 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:

R43 May cause sensitisation by skin contact.

Safety Phrases:

S24/25 Avoid contact with skin and eyes.

S37 Wear suitable gloves.

S51 Use in only well ventilated areas.

**3. COMPOSITION****Ingredients**

CHEMICAL ENTITY	CAS NO	PROPORTION
Dimethyl siloxane, hydroxy-terminated	70131 - 67 - 8	V. High
Hydrotreated middle petroleum distillates	64742 - 46 - 7	Med
Silica, amorphous	7631-86-9	Low
Methyl tri (ethylmethylketoxime) silane	22984 -54 -9	Low
Di (ethylmethylketoxime) methoxymethyl silane	83817 - 72 - 5	Low
Methylethylketoxime	96 - 29 - 7	Low
Other ingredients determined not to be hazardous	Not applicable	To 100%

Low &lt;10%

Med. 10-30%

High 30-60%

V High &gt;60%

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**4. FIRST AID MEASURES****Swallowed:**

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.

**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.

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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 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 moisture. Oxidising materials

## 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, oxides of carbon, silicon dioxide and other hazardous products of combustion.

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**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Exposure standards [NOHSC: 1008 (2004)]:

	<b>TWA</b>
Ethyl methyl ketoxime	3 ppm (Vendor guide)
Ethanol	1000 ppm
Methanol	200 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 Neoprene, nitrile or natural rubber gloves. Respiratory protection is not required under normal conditions of use. However in the case of a spillage or when working in a poorly ventilated area use a half face respirator with an organic vapour type cartridge. Always wash hands before smoking, eating, drinking or using the toilet.

**Flammability:**

This product is not flammable under normal condition of use. Flammable alcohols are produced while the product cures. Maintain good ventilation, do not smoke or work near ignition sources when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: A matt black, viscous paste.

Melting Point: Not determined

Boiling Point: Not applicable

Vapour Pressure: Not determined

Specific Gravity: approx. 0.96

Flashpoint: Not applicable

Flammability Limits: Not determined

Solubility in water: Not soluble

**Other Properties**

Will cure on contact with water or water vapour.

**10. STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions of temperature and humidity

CHEMICAL INCOMPATIBILITY: Not established

HAZARDOUS POLYMERIZATION

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide and other hazardous products of combustion.

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

## Swallowed:

An unlikely route of entry. Available data suggest minimal adverse health effects by this route.

## Eye:

Direct contact with the uncured product may cause mild irritation.

## Skin:

Contact with uncured product may result in moderate skin irritation

## Inhaled:

Vapour from uncured product may cause mild respiratory irritation. Overexposure to vapour may cause drowsiness and cause irritation to mucus membranes.

*CHRONIC:*

Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Overexposure by inhalation of the uncured product may lead blood and liver damage.

Repeated or prolonged skin contact may cause sensitisation.

**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.

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**16. OTHER INFORMATION**

Methyl ethyl ketoxime (MEKO) is formed during the curing process of this product. Male rodents exposed to MEKO vapour throughout their lifetime developed liver cancer. Additional testing is planned by the MEKO supplier to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

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.