

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

750 Multipurpose Silicone

Other Names

Silicone sealant

Recommended Use

Sealant for the building industry. Apply directly from the cartridge using a caulking gun.

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: Not a hazardous substance

ADG Classification: Not a dangerous goods

SUSDP Classification: Not a poison

Risk Phrases

None applicable

Safety Phrases

None applicable

3. COMPOSITION

Ingredients

CHEMICAL ENTITY	CAS NO	PROPORTION
Dimethyl siloxane, hydroxy-terminated	70131 - 67 - 8	30-60%
Hydrotreated middle petroleum distillates	-	10-30%
Silica, amorphous	7631-86-9	1-10%
Methylethylketoxime	96 - 29 - 7	< 1%
Ingredients determined to be non hazardous	-	To 100%

4. FIRST AID MEASURES

Swallowed

If swallowed, rinse mouth thoroughly with water. Give plenty of water to drink. See a doctor

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

Wash with soap and water. Get medical attention if irritation develops or persists.

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

Suitable Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide

Hazards from 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.

Precautions for fire fighters and special protective equipment

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

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.

Methods and materials for containment and 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

Precautions for safe handling

No special precautions required

Conditions for safe storage, including any incompatibilities

Store in a cool dry place, out of direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards

Ethyl methyl ketone decomposition product 10 ppm TWA
(American Industrial Hygiene association workplace environmental exposure level)

Biological Limit Values

Not assigned

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Thick paste of various colours

Odour

Oxime

pH

Not applicable

Vapour Pressure

Negligible at 25 degrees centigrade

Vapour density

>1

Boiling point / range

Not determined

Freezing / melting point

Not determined

Solubility

Insoluble in water

Density

1.02

Flash point

Not determined

Upper flammable limit

Not determined

Lower flammable limit

Not determined

Ignition temperature

Not determined

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

46g per litre

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions of temperature and humidity

Conditions to Avoid

Exposure to moisture (or air) will cause product to cure and emit methylethylketoxime vapour

Incompatible materials

Water or moisture

Hazardous decomposition products

Carbon monoxide and other harmful gases be emitted upon burning

Hazardous reactions / polymerisation

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute effects:

Eye

On direct contact uncured product of vapour may cause mild irritation

Skin

On direct contact uncured product of vapour may cause mild skin irritation

Inhalation

Vapour over exposure may cause drowsiness, injure blood and liver, and may irritate eyes, nose and throat

Ingestion

No information available

Chronic effect

No information available

Exisiting health conditions affected by exposure

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

96 Hr LC50 (fish): >100mg/L

Persistence and degradability

Not applicable

Mobility

Not determined

13. DISPOSAL

Disposal methods

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

Special precautions for landfill or incineration

No special precautions

14. TRANSPORT INFORMATION

Australian Dangerous Goods code for Road and Rail transport

Not classified as a dangerous good

International Maritime Organisation Rules (IMDG)

Not classified as a dangerous good

International Civil Aviation Organisation (ICAO) and International Ait Transport Association (IATA) rules

Not classified as a dangerous good

15. REGULATORY INFORMATION

AICS Status

All components of this material are registered with NICNAS

Standard for the uniform scheduling of drugs and poisons (SUSDP) status

Not listed

16. OTHER INFORMATION

Methylethylketoxime (MEKO) is formed as a by product during the curing process of this product. Male rodents exposed to MEKO vapour at a level of 375ppm throughout their lifetime developed liver tumours at a statistically higher rate. No tumours were present at a lower inhalation rate (15 or 75ppm). Liver tumour is more relatively common in rodents than in humans . At current estimated exposure levels it is not expected to cause a risk to humans. Additional testing underway to determine any relevance to humans. Until more data is known, exposure levels should be maintained as low as achievable.

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.
