

MATERIAL SAFETY DATA SHEET FOR: 770 SANITARY SILICONE - TRANSLUCENT

Replaces: July 2000. Date of issue: May 2001.

COMPANY DETAILS

Company: H. B. Fuller Company
Address: 16-22 Red Gum Drive, Dandenong South VIC 3175
Telephone: (03) 9797 6222
Emergency Telephone No: 1800 033 111

Hazardous according to criteria of Worksafe Australia

IDENTIFICATION

Product Name: 770 Sanitary Silicone – Translucent
Other Names: Silicone sealant
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
Use: Sealant for the building industry. Apply directly from the cartridge using a caulking gun.

Physical Description/Properties

Appearance: A translucent, viscous 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

Other Properties

Will cure on contact with water or water vapour.

Ingredients

CHEMICAL ENTITY	CAS NO	PROPORTION
Dimethyl siloxane, hydroxy-terminated	70131 - 67 - 8	High
Polydimethylsiloxane	63148 - 62 - 9	Low
Methyl tri (ethylmethylketoxime) silane	22984 -54 -9	Low
Di (ethylmethylketoxime) methoxymethyl silane	83817 - 72 - 5	Low
Vinyl tri (methylethylketoxime) silane	2224 - 33 - 1	Low
Gamma-Aminopropyltriethoxysilane	9193 - 02 - 9	Low
Silica, amorphous	7631 - 86 - 9	Low
Other ingredients determined not to be hazardous	Not applicable	To 100%

Low <10%

Med. 10-30%

High 30-60%

V High >60%

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HEALTH HAZARD INFORMATION

Risk Phrases:

R43 May cause sensitisation by skin contact.

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 to blood and liver damage.

Repeated or prolonged skin contact may cause sensitisation.

First Aid

Swallowed:

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

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 there is a risk of contact with eyes.

Advice to Doctor

Treat symptomatically.

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PRECAUTIONS FOR USE

Safety Phrases:

S24/25	Avoid contact with skin and eyes.
S37	Wear suitable gloves.
S51	Use only in well ventilated areas.

Exposure standards [NOHSC: 1003 (1995)]:

Ethyl methyl ketoxime	TWA 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.

SAFE HANDLING INFORMATION

Storage and Transport:

Store in a cool dry place, out of direct sunlight. Not classified as Dangerous Goods. No special transport precautions are required.

Incompatibilities:

Keep away from strong oxidising agents.

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. In a general fire, fire fighters to wear full protective equipment including self contained breathing apparatus if risk of exposure to vapours.

Extinguishing media:

Water spray, water fog, foam or carbon dioxide.

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Hazardous Decomposition:

Incomplete combustion can yield low molecular weight hydrocarbons, oxides of carbon, oxides of nitrogen, silicone dioxide, formaldehyde and other hazardous products of combustion.

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 Company 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.
