

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

SUPPLIER Company: H. B. Fuller Company
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PRODUCT **Product Name:** Foster 30-45 Foamseal
Other Names: Insulation sealant
Manufacturer's Code: 6005041500

USE Used to seal the joints of fibre glass and other insulation against the entrance of Moisture. Applied by trowel or power extrusion.

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION **NOHSC Classification:** Hazardous Substance
ADG Classification: Non-Dangerous Goods
SUSMP Classification: Schedule 6 poison

RISK PHRASES R36 Irritating to eyes.
R38 Irritating to skin.

SAFETY PHRASES S24/25 Avoid contact with skin or eyes.
S26 In case of contact with eyes, rise immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>MIXTURE</u>	CHEMICAL ENTITY	CAS No	PROPORTION
	Oxidised, polymerized fish oil	68201-51-4	30 - 60%
	Kaolin clay	1318-74-7/14808-60-7	10 - < 30%
	Ingredients determined not to be hazardous	Not applicable	to 100%

4. FIRST AID MEASURES

FIRST AID **Swallowed:** Do NOT induce vomiting. Wash out mouth with water. If casualty is alert and conscious give plenty of water to drink. If symptoms develop seek medical advice.

Eyes: If contact with the eye(s) occur, wash with running water while holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek medical advice if symptoms develop.

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Skin: Wash affected areas with plenty of water and soap. Remove contaminated clothing and footwear. Decontaminate footwear and wash clothing before reuse. Seek medical advice if skin irritation develops.

Inhaled: An inhalation hazard only as a mist or aerosol. Remove victim from exposure - avoid becoming a casualty. If breathing is laboured or has stopped apply artificial respiration at once. Seek medical advice immediately.

First Aid Facilities: Have eyewashes, safety showers and normal washroom facilities available in the vicinity where exposure may occur.

ADVICE TO
DOCTOR

Treat symptomatically.

5. FIRE FIGHTING MEASURESEXTINGUISHING
MEDIA

Use water fog, foam, dry chemical, or carbon dioxide to extinguish fire.

HAZARDOUS
COMBUSTION
PRODUCTS

Oxides of carbon, dense smoke, and other noxious vapours and gases of unknown composition.

PRECAUTIONS FOR
FIRE FIGHTERS

In a general fire keep containers cool with water spray to prevent rupture of containers. Wear full protective chemical fire resistant equipment including a self-contained breathing apparatus. Move containers from fire area if it can be done without risk. Vapours are heavier than air and may travel considerable distances to sources of ignition. Prevent fire fighting medium from entering drains or waterways.

6. ACCIDENTAL RELEASE MEASURESEMERGENCY
PROCEDURES

Slippery when spilled – avoid accidents. Wearing full PPE (see Section 8), increase ventilation in the hazard area and restrict personnel access. Shut off leak if safe to do so. Dyke spill to minimise environmental pollution. Inform emergency services if mixture has spilled into sewer, drains or waterways.

CLEAN UP
PROCEDURE

Small Spills: Scoop up spill with trowel or shovel and place mixture into correctly labelled, suitable containers and seal them. Wash contaminated area with hot water and detergent.

Large spills: Wearing full personal protective equipment, contain spill with sand, earth or Vermiculite. Prevent run-off into drains or waterways. Scoop up mixture with non-sparking shovels or flammeproof pump and place it suitable drums. Collect absorbed material and place it also into suitable, sealable containers. Seal all containers and clearly label them according to the NOHSC labelling code to ensure appropriate disposal. Hose down residue with plenty of water and detergent. Take steps to prevent rinse water from entering sewers, drains or waterways.

7. HANDLING AND STORAGE

<u>PRECAUTION FOR SAFE HANDLING</u>	Practice sound industrial hygiene. Avoid breathing vapours or mists. Wash hands before work breaks and at the end of a shift. Avoid skin and eye contact.
<u>STORAGE</u>	Store in a cool (4 - 40°C), dry place, away from heat sources and out of direct sunlight. Keep containers closed, securely sealed and protect against physical damage when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>EXPOSURE STANDARDS</u>	An Australian exposure standard for this mixture has not been set by ASCC.
<u>BIOLOGICAL LIMIT VALUES</u>	Not regulated
<u>ENGINEERING CONTROLS</u>	Good general dilution ventilation. Use local exhaust ventilation if mists, or vapours are produced. Ensure that ventilation is sufficient to control exposure levels below exposure standards.
<u>PERSONAL PROTECTION EQUIPMENT</u>	Use personal protective equipment that minimizes skin and eye contact, and vapour or mist inhalation. The type of protective equipment to be used depends largely on the volume and the manner in which the mixture is used. To ensure proper protection for any given situation, seek guidance from the following sources: protective clothing – AS 2919; gloves – AS 2161; eye protection – AS 1337; respiratory protection – AS 1715; feet protection – AS 2210. The compatibility of each PPE for use with this mixture should then be ascertained with the respective PPE suppliers.

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Under condition of ordinary use and adequate ventilation, use safety goggles, neoprene rubber gloves, long sleeved overalls, and impervious boots. In unusual situations such as a large spill or if working in confined spaces, or if mists or vapours are generated and their airborne concentration is unknown wear, in the addition to the above, a full-face AS/NZ 1716 compliant cartridge type respirator with an organic vapour filter; combine it with a particulate filter in the presence of mists (for selection guidance see AS/NZ 1715). If the normal, ordinary work environment necessitates the use of respiratory protection, and the respirator is the sole means of respiratory protection, use a full-face air supplied respirator.

9. PHYSICAL AND CHEMICAL PROPERTIESPHYSICAL
DESCRIPTION &
PROPERTIES

Appearance: A grey, stiff paste
Odour: mild fish odour
pH: Not applicable
Vapour Pressure: Not established
Vapour Density: > 1 (Air =1)
Boiling Point: ca. 93°C
Freezing/Melting Point: Not established
Solubility in Water: Insoluble
Specific Gravity: ca. 1.35
Flammability: Not established
Flash Point: 218°C
Explosive Limits (%v/v): LEL – Not established; UEL = Not established

OTHER
PROPERTIES

VOC content (Californian South coast air quality management rule 1168)
38 gram/litre

10. STABILITY AND REACTIVITYCHEMICAL
STABILITY

This material is stable under normal ambient and anticipated storage and handling conditions.

CONDITIONS
TO AVOID

Avoid extremes of temperatures.

INCOMPATIBLE
MATERIALS

Oxidising agents.

HAZARDOUS
DECOMPOSITION
PRODUCTS

Carbon monoxide, carbon dioxide and other noxious vapours and gases of unknown composition

HAZARDOUS
REACTIONS

Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

This mixture has not been tested as a whole for its health effects. The toxicological information given below is based, on the toxicity of the major components.

ACUTE
HEALTH
EFFECTS

Swallowed: Ingestion of this mixture may irritate the gastric tract, causing nausea, vomiting and diarrhea.

Eyes: Direct contact with the eyes may result in irritation. May cause reddening of the affected eye and lacrimation but is unlikely to cause permanent damage.

Skin: May be irritating and can produce itching and reddening of the contact area.

Inhaled: Inhalation of vapour or mist from the mixture may cause mild irritation of the respiratory system.

CHRONIC
HEALTH
EFFECTS

Frequent or prolonged skin contact may lead to irritant contact dermatitis.

12. ECOLOGICAL INFORMATION

No ecotoxicological data is available for this mixture. However the following data has been found for the major ingredient of this mixture:

The US EPA has, under the US Food Quality Protection Act, listed (40 CFR 180) substances that may be used as an inert vehicle for pesticides used in organic agriculture. Menhaden oil, oxidised (CAS68201-51-4) has been placed in list 4B – “*Other ingredients for which EPA has sufficient information to reasonably conclude that the current use pattern in pesticide products will not adversely affect the public health or the environment*”.

13. DISPOSAL CONSIDERATIONS

This product and its containers are a prescribed waste and may only be disposed of in accordance with applicable State and local regulations. These regulations vary from jurisdiction to jurisdiction and hence the user is counselled to seek advice from the local authority and classify the waste before considering disposal. The disposal information given below is a general guide and does not replace the requirement of the local regulations.

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DISPOSAL

Small quantities should be allowed to dry and then disposed of as industrial waste. Empty containers should be treated in a similar manner.

Large amounts must be disposed of strictly in accordance with local industrial waste disposal or environmental protection regulations. Ensure that the product is fully cured before disposing it, if permitted, as landfill or by incineration in an approved incineration facility.

SPECIAL
PRECAUTIONS

Do not allow the uncured mixture to contaminate soil, sewerage systems, surface or ground water. Allow residue in empty containers to fully cure before disposing containers. The empty drums must not be reused, cut, welded, brazed, drilled or subjected to a grinding operation or be stored in the vicinity of such operations.

When large amounts of this product need to be disposed of the services of a registered, professional waste disposal organisation is highly recommended.

14. TRANSPORT INFORMATION

This product has not been classified as Dangerous Goods. It is therefore not subject to the following transport regulations: ADG, IMDG/IMO, ICAO/IATA and UN.

15. REGULATORY INFORMATION

AICS All ingredients of this mixture are listed in the AICS

SUSMP Not a scheduled poison.

16. OTHER INFORMATION

This mixture also contains a small amount of respirable crystalline silica, which has been classified as a Group 1 carcinogen (“*the agent is carcinogenic to humans*”) by IARC. Chronic overexposure to respirable crystalline silica may also lead to impaired lung function, cause silicosis or result in lung cancer. Because it is locked in a polymer matrix there is no risk of the aforementioned health effects from this mixture “as is”. However, when cutting, sanding or drilling the DRY mixture, particularly with power tools, suitable respiratory protection must be worn. (For selection guidance see AS 1716 and AS 1715).

It is evident that the respirable crystalline silica in this mixture, does not represent a health risk when used as directed. It has therefore been excluded from the classification process.

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MSDS**Issue Number:** 05**Date of Issue:** July 2011**Replaces:** January 2011**Changes made to the previous issue:** Correction to Australian Standard number in Section 16 relating to respiratory protection..ACRONYMS**ACGIH:** American Conference of Governmental Industrial Hygienists**ADG Code:** Australian Code for the Transport of Dangerous Goods by Road and Rail**AICS:** Australian Inventory of Chemical Substances.**BEI:** Biological Exposure Index**CAS Number:** Chemical Abstracts Service Registry Number**CNS:** Central nervous system**DG:** Dangerous Goods**Hazchem Code:** An emergency action code of numbers and letters, which gives information to emergency services.**IARC:** International Agency for Research on Cancer.**N.O.S.:** Not otherwise specified.**NOHSC:** National Occupational Health and Safety Commission.**PPE:** Personal protection equipment.**R-Phrases:** Risk Phrases.**S-Phrases:** Safety Phrases.**SUSMP:** Standard for the Uniform Scheduling of Medicines and Poisons.**UN Number:** United Nations Number

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 then 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.
