

Material Safety Data Sheet

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| Infosafe No™ LPY59 | Issue Date : July 2009 | ISSUED by HBFULL |
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 Product Name **FOSTER 30-36 SEALFAS**

Classified as hazardous according to criteria of NOHSC.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | |
|-----------------------------|--|
| Product Name | FOSTER 30-36 SEALFAS |
| Company Name | H.B. FULLER COMPANY (ABN 003 638 435) |
| Address | 16-22 Red Gum Drive Dandenong South Victoria 3175 Australia |
| Emergency Tel. | AUS: 1800 033111 (or IDD +61 3 9663 2130), NZ: 0800 734 607 (Or IDD +64 473 4607) |
| Telephone/Fax Number | Tel: Customer Service Toll Free Numbers: Australia 1800 423 855; New Zealand: 0800 555 072 |
| Recommended Use | Breather coat for use over polyurethane and fibreglass insulation. Applied by spray or trowel. |
| Other Information | 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. |

2. HAZARDS IDENTIFICATION

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|------------------------------|---|
| Hazard Classification | Classified as hazardous according to criteria of NOHSC. HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code. |
| Risk Phrase(s) | Classified as hazardous according to criteria of NOHSC. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R64 May cause harm to breastfed babies. |
| Safety Phrase(s) | S24 Avoid contact with skin. S60 This material and its container must be disposed of as hazardous waste. S61 Avoid release to the environment. Refer to special instructions/safety data sheet. |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> |
|--------------------|---|------------|-------------------|
| | C14-17 chlorinated alkanes (chlorination:52%) | 85535-85-9 | 10-30 % |
| | Ingredients deemed not to be hazardous | | Balance |

4. FIRST AID MEASURES

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| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention. |
| Ingestion | DO NOT induce vomiting. Immediately wash out mouth with water and then give water to drink. Seek medical attention. |
| Skin | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention. |
| Eye | If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. |
| First Aid Facilities | Eyewash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |

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Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing media suitable for surrounding environment.

Hazards from Combustion Products Non-combustible

Specific Hazards This product is non combustible. However, Heating can cause expansion or decomposition leading to violent rupture of containers.

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC). However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values No biological limit allocated.

Engineering Controls Provide sufficient ventilation to keep airborne levels as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

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| Special Protective Measures | Take particular caution when breastfeeding or if pregnant. Be sure to adhere to the personal protective equipment requirements. |
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9. PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------------|--|
| Appearance | White viscous liquid |
| Odour | Characteristic odour |
| Melting Point | Not available |
| Boiling Point | Not available |
| Solubility in Water | Fully miscible |
| Specific Gravity | 1.29 approx. |
| pH Value | Not available |
| Vapour Pressure | Not available |
| Vapour Density (Air=1) | Not available |
| Volatile Component | Volatile Organic Compounds (VOC): 28 g/L |
| Flash Point | Not applicable |
| Flammability | Non-combustible |
| Auto-Ignition Temperature | Not available |
| Flammable Limits - Lower | Not applicable |
| Flammable Limits - Upper | Not applicable |

10. STABILITY AND REACTIVITY

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|---|---|
| Chemical Stability | Stable under normal conditions of storage and handling. |
| Incompatible Materials | Not known |
| Hazardous Decomposition Products | Thermal decomposition may result in the release of toxic and/or irritating fumes. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGICAL INFORMATION

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| Toxicology Information | No toxicology data is available |
| Inhalation | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. |
| Ingestion | Ingestion of this product may irritate the gastric tract causing nausea and vomiting. |
| Skin | May be irritating to skin. The symptoms may include redness, itching and swelling. Repeated exposure may cause skin dryness and cracking. |
| Eye | May be irritating to eyes. The symptoms may include redness, itching and tearing. |
| Chronic Effects | May cause harm to breastfed babies. Chlorinated hydrocarbon has been identified as an animal carcinogen in feeding studies with laboratory animals. Overexposure may create cancer risk. |

12. ECOLOGICAL INFORMATION

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|------------------------------------|---|
| Ecotoxicity | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Persistence / Degradability | Not available |
| Mobility | Not available |
| Environ. Protection | Prevent this material entering waterways, drains and sewers. |

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13. DISPOSAL CONSIDERATIONS

Disposal Considerations Dispose of waste according to applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information Road and Rail Transport
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail
Marine Transport
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.
This material is classified as a severe Marine Pollutant (P) according to the International Maritime Dangerous Goods 2008 Code. UN No: 3082
Class-primary: 9 Miscellaneous Dangerous Goods
Packing Group: III
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKANES, C14-17, CHLORO-)
Air Transport:
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Regulatory Information Australia:
Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
Poisons Schedule Not Scheduled
Hazard Category Harmful, Dangerous for the environment
AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS created: June 2009
MSDS reviewed: July 2009
Minor change: August 2011
Contact Person/Point For advice in an emergency contact:
Australia: 1800 033 111 (or IDD +61 3 9663 2130).
New Zealand: 0800 734 607 (or IDD +64 4 473 4607)
...End Of MSDS...

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