

# MATERIAL SAFETY DATA SHEET FOR: FOSTER 32-15

Replaces: December 2005 Date of issue: September 2007

## 1. IDENTIFICATION OF THE MATERIAL

Product Name: Foster 32-15

Other Names: Duct sealant, ADHESIVE containing flammable liquid

Recommended Use: Duct sealant for lap joints in HVAC systems

## 2. HAZARD IDENTIFICATION

*Classified as hazardous according to criteria of Worksafe Australia*

### Risk Phrases

R11 Highly flammable

R38 Irritating to skin

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

R50/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Safety Phrases

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking

S23 Do not breathe vapour.

S24 Avoid contact with skin.

S33 Take precautionary measures against static discharges.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets

.S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## 3. COMPOSITION

### Ingredients

| CHEMICAL ENTITY                                  | CAS NO         | PROPORTION |
|--|----------------|------------|
| <b>Heptane</b>                                   | 142-82-5       | High       |
| Kaolin   | 1332-58-7      | Med.       |
| Aromatic hydrocarbon resins                      | Not available  | Med        |
| SBS thermoplastic rubber                         | Not available  | Med        |
| Other ingredients determined not to be hazardous | Not applicable | Med        |

Low <10%

Med. 10-30%

High 30-60%

V High >60%

## 4. FIRST AID MEASURES

Swallowed:

# MATERIAL SAFETY DATA SHEET FOR: FOSTER 32-15

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## 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 from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Restore breathing if necessary. Allow patient to assume most comfortable position and keep warm. See a doctor.

## First Aid Facilities:

Have eye wash available when exposure may occur

## *Advice to Doctor*

Treat symptomatically

## 5. FIRE FIGHTING MEASURES

|                                     |  |
|-------------------------------------|--|
| FLASH POINT:                        | Not established  |
| 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: | Not established  |
| 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, carbon monoxide and other hazardous products of combustion. |

## 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.<br>Shut off ignition sources; including electrical equipment and flames.<br>Do not allow smoking in the area.   |

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## 7. HANDLING AND STORAGE

### Handling:

Keep containers securely sealed and protected against physical damage. This product is a highly flammable liquid. All potential sources of ignition, (open flames, pilot lights, welding equipment, spark producing switches and electrical equipment etc), must be eliminated both in and near the work area. **DO NOT SMOKE.**

### Storage:

Store in a cool, dry, ventilated location. Keep away from heat and flame. Keep container closed. This product is a Class 3 Dangerous Good UN 1133, having the Proper Shipping Name ADHESIVES containing flammable liquid.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards [NOHSC: 1004 (2004)].

|             |                         |
|-------------|-------------------------|
| Heptane     | TWA 400ppm, STEL 500ppm |
| Kaolin clay | 10mg/m <sup>3</sup>     |
| Toluene     | TWA 50ppm, STEL 150ppm  |

### Engineering Controls:

Local exhaust ventilation is preferred

### Personal Protection:

#### EYE PROTECTION:

Wear safety glasses when handling this product.

#### SKIN PROTECTION:

Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

#### GLOVES:

#### RESPIRATORY PROTECTION:

Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Approved air purifying respirator with organic vapor cartridge.

#### VENTILATION:

Use local exhaust ventilation or other engineering controls to minimize exposures.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                 |
|--|-----------------|
| PHYSICAL STATE:  | Thick paste     |
| COLOR:   | Grey            |
| ODOR:  | Solvent         |
| ODOR THRESHOLD:  | Not established |
| SPECIFIC GRAVITY:  | 0.98-1.02       |
| SOLIDS (% by weight):  | 55.5            |
| pH:  | Not established |
| VOC content  | 442g per litre  |
| (Californian South coast air quality management rule 1168 ): |                 |

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## 10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions  
CHEMICAL INCOMPATIBILITY:  
HAZARDOUS POLYMERIZATION:  
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide and other hazardous products of combustion.

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

#### EYE:

An eye irritant due to the presence of heptane.

#### SKIN:

Contact with skin may result in mild irritation.

#### INHALATION:

Overexposure to vapours in poorly ventilated areas will cause irritation of the nose, throat and respiratory tract and may cause dizziness, headaches, nausea or unconsciousness. Inhalation of high concentrations can produce central nervous system depression which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness and possibly death.

#### INGESTION:

An unlikely route of entry. Ingestion may result in vomiting and nausea.

#### LONG-TERM (CHRONIC) HEALTH EFFECTS

REPRODUCTIVE: Not established

TARGET ORGAN(S): Prolonged or repeated skin contact may lead to dermatitis due to the defatting effect of heptane.

#### EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:

Not established

## 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: Foster 32-15

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UN Number: 1133

Dangerous Goods Class: 3

Subsidiary Risk: None assigned

Hazchem Code: 3 [Y]

Poisons Schedule: Not scheduled

Packaging Group: III

Storage and Transport: This product is a Dangerous Good for the purpose of transport.  
Consult Bill of Lading for transportation information.

DOT:

IATA:

## 15. REGULATORY INFORMATION

All components of this material are registered with NICNAS and appear on the AICS.

## 16. OTHER INFORMATION

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.