SAFETY DATA SHEET
according to Regulation (EU) 2015/830

FIRE RATED FOAM CLP

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name  FIRE RATED FOAM CLP
Product code  BDEFR750/G750

1.3. Details of the supplier of the safety data sheet

Company  SEAL IT SERVICES LTD
Address  T/A BOND IT
          Unit G16 Riverbank Way,
          Lowfields Business Park,
          Elland,
          West Yorkshire HX5 9DN
Web  www.bond-it.co.uk
Telephone  01422 315300
Fax  01422 315310
Email  sales@bond-it.co.uk
Email address of the competent person  kayleighcox-nowak@bond-it.co.uk

1.4. Emergency telephone number

Emergency telephone number  01422 315300
8.30AM - 5.30PM Mon-Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008:
H222; H229; Skin Irrit. 2; H315; Skin Sens. 1; H317; Eye Irrit. 2; H319; Resp. Sens. 1; H334; STOT SE 3; H335; Carc. 2; H351; STOT RE 2; H373;

2.2. Label elements

Hazard pictograms

Signal Word  Danger

Hazard Statement  Aerosols 1: H222 - Extremely flammable aerosol.  
                  Flam. Liq. 3: H226 - Flammable liquid and vapour.  
                  Aerosols, 1, 2, 3: H229 - Pressurised container: May burst if heated.  
                  Skin Irrit. 2: H315 - Causes skin irritation.  
                  Skin Sens. 1: H317 - May cause an allergic skin reaction.  
                  Eye Irrit. 2: H319 - Causes serious eye irritation.  
                  Acute Tox. 4: H332 - Harmful if inhaled.  
                  Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
                  STOT SE 3: H335 - May cause respiratory irritation.  
                  Carc. 2: H351 - Suspected of causing cancer.
2.2. Label elements

Precautionary Statement: Prevention

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary Statement: Storage

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to meet National Legislation and Environmental Regulations.

SECTION 3: Composition/information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethylene polyphenyl isocyanate</td>
<td>9016-87-9</td>
<td>9016-87-9</td>
<td>204-065-8</td>
<td>40 - 50%</td>
<td>Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Acute Tox. 4: H332; Resp. Sens. 1: H334; STOT SE 3: H335; Carc. 2: H351; STOT RE 2: H373;</td>
<td></td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>603-019-00-8</td>
<td>115-10-6</td>
<td>204-065-8</td>
<td>1 - 10%</td>
<td>Flam. Gas 1: H220;</td>
<td></td>
</tr>
<tr>
<td>Isobutane</td>
<td>601-004-00-0</td>
<td>75-28-5</td>
<td>200-857-2</td>
<td>1 - 10%</td>
<td>Flam. Gas 1: H220;</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air.
Eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion: DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Eye contact: May cause irritation to eyes.
Skin contact: May cause dermatitis. May cause irritation to skin.
Ingestion: Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Inhalation: Seek medical attention.
Eye contact: Seek medical attention if irritation or symptoms persist.
Skin contact: Seek medical attention if irritation or symptoms persist.
Ingestion: If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.

6.2. Environmental precautions
Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities
Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Compound</th>
<th>WEL 8-hr limit ppm:</th>
<th>WEL 8-hr limit mg/m³:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymethylene polyphenyl isocyanate</td>
<td></td>
<td>0.02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Limit Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL 15 min limit ppm:</td>
<td>0.07</td>
</tr>
<tr>
<td>WEL 8-hr limit mg/m³ total inhalable dust:</td>
<td>0.07</td>
</tr>
<tr>
<td>WEL 8-hr limit mg/m³ total respirable dust:</td>
<td>0.07</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

8.2.1. Appropriate engineering controls
Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures
Wear chemical protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Handprotection
Chemical resistant gloves (PVC).

Respiratory protection
Self-contained breathing apparatus. Wear protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Colour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 60 °C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.26 (H2O = 1 @ 20 °C)</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Fat Solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>&gt; 240 °C</td>
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<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
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9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Data Available</th>
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</thead>
<tbody>
<tr>
<td>Conductivity</td>
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</tr>
<tr>
<td>Surface tension</td>
<td>No data available</td>
</tr>
<tr>
<td>Gas group</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Will not decompose if stored and used as recommended.

10.4. Conditions to avoid

Heat, sparks and open flames.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.3. Bioaccumulative potential

No data available
### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Dispose of as special waste in compliance with local and national regulations. 16 05 04 gases in pressure containers (including halons) containing dangerous substances.

### SECTION 14: Transport information

#### Hazard pictograms

![Hazard pictogram]

#### 14.1. UN number

UN1950

#### 14.2. UN proper shipping name

AEROSOLS

#### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR/RID</th>
<th>Subsidiary risk</th>
<th>IMDG</th>
<th>Subsidiary risk</th>
<th>IATA</th>
<th>Subsidiary risk</th>
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<tbody>
<tr>
<td></td>
<td>see SP63</td>
<td>2</td>
<td>see SP63</td>
<td>2</td>
<td>see SP63</td>
</tr>
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</table>

#### 14.4. Packing group

Packing group: -

#### 14.5. Environmental hazards

<table>
<thead>
<tr>
<th>Environmental hazards</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine pollutant</td>
<td>No</td>
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</table>

#### ADR/RID

<table>
<thead>
<tr>
<th>Hazard ID</th>
<th>Tunnel Category</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>(D)</td>
</tr>
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</table>

#### IMDG

<table>
<thead>
<tr>
<th>EmS Code</th>
<th>F-D S-U</th>
</tr>
</thead>
</table>

#### IATA

| Packing Instruction (Cargo) Maximum quantity | 203 |
| Packing Instruction (Passenger) Maximum quantity | 150 kg | 75 kg |
| Height | 203 |

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture


15.2. Chemical safety assessment

No data is available on this product.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:

- 2 - 2.1. Classification of the substance or mixture.
- 2 - Hazard pictograms.

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
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STOT SE 3: H335 - May cause respiratory irritation.
Carc. 2: H351 - Suspected of causing cancer.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.