1. Identification of the substance/mixture and of the company

1.1 Product identifier
ROCKWOOL® FIREPRO® Fire Resistant Silicone Sealant

1.2 Identified use of product
Designed to provide a high degree of fire retardancy in a variety of joint configurations including expansion and construction joints in walls and cladding panels, sealing of service penetrations, roofing and conservatory applications.

1.3 Details of supplier
ROCKWOOL® Pencoed, Bridgend, CF35 6NY
REACH registration number 01-2119472313-44

1.4 Emergency telephone number
ROCKWOOL® Ltd Customer Solutions and Sales Support
9am-5pm Tel: 0871 222 1780 Email: SDS@rockwool.com

2. Hazards identification

2.1 According to EC criteria, the product is not classified as a hazardous preparation.

3. Composition/information on ingredients

3.1 Blend of Polydimethylsiloxanes, amorphous silica, fillers, additives & crosslinker.

Substances presenting a health hazard within the meaning of the CHIP regulations or which are assigned Occupational Exposure Limit values:

<table>
<thead>
<tr>
<th>Name</th>
<th>Conc. range</th>
<th>Cas no.</th>
<th>Symbol</th>
<th>R-Phrase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum hydrotreated middle</td>
<td>1-30%</td>
<td>265-148-2</td>
<td>Xn</td>
<td>R65</td>
</tr>
<tr>
<td>Butane-?? Methyl silydyne trioxime</td>
<td>1-5%</td>
<td>245-366-4</td>
<td>Xi, Xn</td>
<td>R21-36/38</td>
</tr>
</tbody>
</table>

Full text on R-Phrases displayed in Section 16

4. First aid measures

4.1 General
In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

4.2 Inhalation
Remove to fresh air, keep patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

4.3 Skin contact
Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS.

4.4 Eye contact
Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.

4.5 Ingestion
If accidentally swallowed, wash out mouth with water and obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

5. Firefighting measures

Extinguishing media:

5.1 Recommended
Alcohol resistant foam, CO₂, powder, water spray/mist.

5.2 Not to be used
None known

5.3 Recommended
As the products contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion [see Section 10]. Exposure to decomposition products may be a hazard to health. Appropriate self contained breathing apparatus and protective clothing should be worn. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.
6. Accidental release measures
6.1 Exclude non-essential personnel. Avoid breathing vapours.
Refer to protective measures listed in Sections 7 and 8. Collect spillages and place in a suitable container for disposal in accordance with the waste regulations [see Section 13]. Do not allow to enter drains or water courses. If the product enters drains or sewers, the local water company should be contacted immediately or in the case of contamination of streams, rivers or lakes, the relevant Environment Agency.

7. Handling and storage
7.1 Handling
Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Keep containers closed when not in use. Ensure good housekeeping and regular safe removal of waste materials.
The Manual Handling Operations Regulations may apply to the handling of containers / packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in Section 9. This will give the net weight of the product in kilograms. Allowance will then have to be made for the immediate packaging to give the approximate gross weight.

7.2 Storage
Observe label precautions - Store between 5°C and 25°C in a dry well-ventilated place. Keep away from sources of ignition and direct sunlight. Store separately from oxidising agents and strongly alkaline and strongly acidic materials. Keep out of reach of children.

8. Exposure controls/Personal protection
8.1 Engineering measures
Provide good ventilation during application and drying. Avoid inhalation of vapours by the provision of good ventilation. If this is not sufficient to keep airborne concentrations below the relevant Occupational Exposure Limit, suitable respiratory protective equipment must be worn [see ‘Occupational Exposure Controls’ below].

8.2 Exposure limits

<table>
<thead>
<tr>
<th>Substance</th>
<th>Occupational exposure limits</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum</td>
<td>200 ppm WEL/TAW</td>
<td>n/a</td>
</tr>
<tr>
<td>hydrotreated middle</td>
<td>1000mg/m³ AG</td>
<td></td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>2ppm WEL/TAW 2.5mg/m³</td>
<td>n/a</td>
</tr>
</tbody>
</table>

[R] Recommended by suppliers
(A) Allocated limits by analogy with similar materials
(SK) Risk of absorption through unbroken skin
(Sen) Capable of causing sensitisation by inhalation
OELs are taken from the current version of EH40, except those marked (R) or (A) which are assigned by the supplier of the substance.

8.3 Personal protection
All Personal Protective Equipment (PPE), including Respiratory Protective Equipment (RPE), used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

8.4 Respiratory protection
If exposure to hazardous substances identified in Section 8 cannot be controlled by the provision of natural ventilation exposure should be controlled, where reasonably practicable, by the use of mechanical exhaust ventilation. When this is not reasonably practicable, suitable respiratory protective equipment must be worn.

8.5 Hand protection
When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

8.6 Eye protection
Eye protection designed to protect against liquid splashes should be worn.

8.7 Skin protection
Cotton or cotton / synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. Always wash your hands before eating, smoking or using the toilet.

9. Physical and chemical properties
9.1 Physical state
Thixotropic paste

9.2 Odour
Slight

9.3 Flash point
117°C (closed cup)

9.4 Specific gravity
1.25-1.30 @ 25°C

9.5 Solubility in water
Immiscible
Fire Resistant Silicone Sealant

10. Stability and reactivity
10.1 Stable under the recommended storage and handling conditions (see Section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide and carbon monoxide may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction.

11. Toxicological information
11.1 Not classified as harmful if swallowed. (By calculation)
The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

12. Ecological information
12.1 Water hazard class
Class 1
12.2 Persistence and degradability
12.3 Behaviour in sewage plants
Mechanical precipitation possible.
12.4 Accumulation
None known, Polydimethyl Siloxane. Do not allow to enter drains or water courses or be deposited where it can affect ground or surface waters. The product is insoluble in water.

13. Disposal considerations
13.1 Do not allow to enter drains or water courses. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the “Control of Pollution Act” and the “Environmental Protection Act”. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply.

14. Transport information
14.1 Transport within the users premise
Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
14.2 Onward transport subsequent to purchase
Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air.
14.3 Proper shipping name
This product is not classified as dangerous for carriage.

14.4 UN number
Not applicable
14.5 Hazard class
Not applicable
14.6 Packing group
Not applicable
14.7 Sub-hazard class
Not applicable

15. Regulatory information
15.1 Content
Contains 2-Butanone Oxime. May produce allergic reaction.

S Phrases:
S2:  Keep out of reach of children
S24/25: Avoid contact with skin and eyes
S26 : In case of contact with eyes, rinse immediately with plenty of water and if necessary seek medical advice
S28: After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner
S51: Ensure good ventilation during application and while drying

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work act and the Control of Substances Hazardous to Health regulations apply to the use of this product at work.

16. Other information
16.1 Risk phrases as used in Section 2
R21: Harmful in contact with skin
R36/38: Irritating to eyes and skin
R65: Harmful: May cause lung damage if swallowed

Warning symbols used in Section 2:
Xi: Irritating
Xn: Harmful

Reference documents statutory:
Air Navigation (Dangerous Substances) Regulations
Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations 1996
Carriage of Dangerous Goods by Road Regulations 1996 as amended
Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP)
Consumer Protection Act 1987
Control of Pollution (Amendment) Act 1989
Control of Substances Hazardous to Health Regulations 1999
16. Other information continued

Environmental Act 1995
Environmental Protection (Duty of Care) Regulations 1992
Environmental Protection Act 1990
Factories Act 1961
Health and Safety at Work Act 1974
International Rail/Road Transport - RID and ADR (Current Editions)
Manual Handling Regulations 1992
Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations
Personal Protective Equipment at Work Regulations 1992
Protection of Eyes Regulations 1974
Provision and use of Personal Protective Equipment Regulations 1992
Special Waste Regulations 1996
Waste Management Regulations 1996

Approved codes of practice:
ACOP Control of Substances Hazardous to Health/Control of Carcinogenic Substances - HSE Books
ACOP Waste Management - The Duty of Care

Health and safety executive guidance notes:
EH40 Occupational Exposure Limits
HS(G)53 Respiratory Protective Equipment - A Practical Guide for Users
HS(G)71 Storage of Packaged Dangerous Substances
HS(G)193 COSHH Essentials: steps to control chemicals

British standards publications:
BS2091 Respirators for Protection Against Harmful Dusts and Gases
BS2092 Eye Protection for Industrial and Non-Industrial Users
BS4067 Breathing Apparatus
BS4275 Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment
BS7028 Selection, use and Maintenance of Respiratory Protective Equipment

The information contained in the Health and Safety Data Sheet is provided in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

This Safety Data Sheet has been prepared in accordance with European Commission Regulation (EU) No 453/2010 (REACH).

This data sheet does not constitute a workplace assessment.

The information provided represents the state of our knowledge regarding this material at the date of its publication.

The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.