HEALTH AND SAFETY DATA SHEET

1. PRODUCT: Premseal Butyl Rubber Sealant (HPB/BR/BM)  ISSUE: 3
USE: A non-setting waterproof synthetic rubber sealant. Application by sealant gun.

2. HAZARD IDENTIFICATION OF THE PREPARATION
The product is classified as follows according to CHIP regulations. Also refer to section 11:
- R52 Harmful to aquatic organisms
- R53 May cause long term adverse effects in the aquatic environment
Results of PBT and vPvB assessment: This product is not identified as a PBT or vPvB product

3. COMPOSITION/INFORMATION ON INGREDIENTS
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-Phrases*</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Spirit</td>
<td>2.5%&gt;Cn&lt;10%</td>
<td>64742-88-7</td>
<td>Xn.N</td>
<td>R10,51,53,65,66</td>
</tr>
</tbody>
</table>

* For full text see section 16.

4. FIRST AID MEASURES
   General: In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
   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.
   Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS.
   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.
   Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

5. FIRE FIGHTING MEASURES
   Extinguishing Media:
   Recommended: alcohol resistant foam, CO₂, powder, water spray/mist.
   Not to be used:
   Recommendations: As the products contain 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 may be required. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or watercourses.

6. ACCIDENTAL RELEASE MEASURES
   Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth, 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; in the case of contamination of streams, rivers or lakes, the relevant Environment Agency.
7. **HANDLING AND STORAGE**

**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.

**STORAGE:** Observe label precautions - Store between 5°C and 25°C in a dry well-ventilated place. Protect from frost.

Keep out of reach of children. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING MEASURES:** Provide adequate 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).

**EXPOSURE LIMITS:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Occupational Exposure Limits</th>
<th>Notations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8 hr LTEL (1)</td>
<td>15 min STEL(2)</td>
</tr>
<tr>
<td>White Spirit</td>
<td>ppm</td>
<td>mgm³</td>
</tr>
</tbody>
</table>

(1) Long-term exposure limit - 8 hour time weighted average.
(2) Short-term exposure limit - 15 mins time weighted average.
(S) Occupational Exposure Standard (OES)
(M) Maximum Exposure Limit (MEL)
(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

OEL's are taken from the current version of EH40, except those marked (R) or (A) which are assigned by the supplier of the substance.

**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.

**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.

**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.

**EYE PROTECTION:** Eye protection designed to protect against liquid splashes should be worn.

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>physical state</td>
<td>Paste</td>
</tr>
<tr>
<td>flash point</td>
<td>&gt;55 °C</td>
</tr>
<tr>
<td>specific gravity</td>
<td>1.58-1.79 @ 20°C</td>
</tr>
<tr>
<td>solubility in water</td>
<td>immiscible</td>
</tr>
</tbody>
</table>
10. **STABILITY AND REACTIVITY**
Stable under the recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide, carbon monoxide and oxides of nitrogen 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**
There is no data available on the preparation itself. 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 2 and 15 for details of the resulting hazard classification.

Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis.

12. **ECOLOGICAL INFORMATION**
There is no measured data available on the preparation itself, but it has been classified according to CHIP regulations with the following environmental risks:

<table>
<thead>
<tr>
<th>Substance classified As DfE (1)</th>
<th>Mobility (2)</th>
<th>Persistence and Biodegradeability (2)</th>
<th>Other adverse effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Spirit</td>
<td>Immiscible in water—will spread on surface possibly effecting oxygen transfer. Likely to evaporate readily</td>
<td>OECD—readily biodegradeable</td>
<td>LC50 1-10 mg/L</td>
</tr>
</tbody>
</table>

(1) All substances listed in section 3 and classified as dangerous for the environment (DfE)
(2) Information taken from suppliers safety data sheet and relevant to impacts in the accidental release in storage, handling use and disposal.

13. **DISPOSAL CONSIDERATIONS**
Do not allow to enter drains or watercourses. 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**
Transport within the users premises: 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.

Onward transport subsequent to purchase: Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air.

- Proper shipping name: This product is not classified as dangerous for carriage.
- UN number:
- Hazard class:
- Packing group:
- Sub-hazard class:

15. **REGULATORY INFORMATION**
The product is required to be marked with the following risk phrases according to CHIP regulations.

**R Phrases**
- R52 Harmful to aquatic organisms
- R53 May cause long term adverse effects in the aquatic environment

**S Phrases (Required for retail sales)**
- 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
- S60 This material and its container must be disposed of as hazardous waste
16. OTHER INFORMATION
Details of substances appearing in section 3)

RISK PHRASES
- R10 Flammable
- R22 Harmful if swallowed
- R38 Irritating to skin
- R43 May cause sensitization by skin contact
- R51 Toxic to aquatic organisms
- R53 May cause long-term adverse effects in the aquatic environment
- R65 Harmful – may cause lung damage if swallowed
- R66 Repeated exposure may cause skin dryness or cracking

WARNING SYMBOLS
- Xn Harmful
- N Dangerous to the environment

REFERENCE DOCUMENTS
STATUTORY
- Air Navigation (Dangerous Substances) Regulations
- Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labeling) 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
- 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

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 2005. The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.