

# HEALTH AND SAFETY DATA SHEET

PAGE: 1 of 5  
DATE: 01.04.2016  
ISSUE: 3

## SECTION 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1 **Product name:** ScreenSeal

1.2 **Use:** A non-setting waterproof synthetic rubber sealant. Application by sealant gun.

1.3 **Supplier of the safety data sheet:**

Wayside Adhesives Ltd

**e-mail of Competent person responsible for SDS:** info@waysideadhesives.com

1.4 **Emergency Tel:** +44 (0) 1159 333 321 (office hours only)

## SECTION 2. HAZARDS IDENTIFICATION

2.1 **Classification of the mixture**

2.1.1 Regulation EC 1272/2008

|                               |                |
|-------------------------------|----------------|
| Physical and chemical hazards | Not classified |
| Human health                  | Not classified |
| Environment                   | Not classified |

2.2 **Label elements**

2.2.1 Regulation EC 1272/2008

Pictogram None

Hazard statements None

Precautionary statements

P102 Keep out of reach of children

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses if worn. Continue rinsing.

P302+352 IF ON SKIN: Wash with plenty of soap and water

P501 Dispose of contents/container in accordance with local/national regulations

2.3 **Other hazards**

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2

| Ingredient   | CAS No.    | EC No.    | REACH registration No. | Classification According to Reg. (EC) 1278/2008 (CLP)           | % WW |
|--|------------|-----------|------------------------|---|------|
| HYDROCARBONS<br>C10-13 N-ALKANES,<br>ISOALKANES<br>CYCLIC<br>AROMATIC<br>(2-25%) | 64742-48-9 | 919-164-8 |                        | STOT RE1 – H372<br>Asp Tox 1 - H304<br>Aquatic chronic 3 – H412 | < 5  |

\*for full text of Hazard statements see section 16.

**PBT and vPvB assessment:** This product is not identified as a PBT or vPvB product

PAGE: 2 of 5  
DATE: 01.04.2016  
ISSUE: 3

## SECTION 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.
- Skin Contact:** Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS. Seek medical attention if irritation persists.
- 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 wash mouth with water and give large volumes of water to drink. DO NOT induce vomiting. Seek medical attention.
- Inhalation:** Remove to fresh air. If symptoms persist, or if in doubt, seek medical attention.

### 4.2 Most important symptoms and effects

- Skin contact:** Prolonged contact may cause irritation and dry skin.
- Eye contact:** May affect vision and cause serious eye damage.
- Ingestion:** Possible discomfort.
- Inhalation:** May affect central nervous system

## SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:** Foam, CO<sub>2</sub>, powder, water spray/mist.
- 5.2 Special Hazards:** organic compound so black smoke and carbon monoxide and carbon dioxide Will be released in a fire
- 5.3 Advice for firefighters:** Do not allow run off from fire fighting to enter drains or water courses. Wear self-contained breathing apparatus

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1: Personal precautions and protective equipment

Avoid skin and eye contact. Wear personnel protective equipment. Ensure adequate ventilation.

### 6.2: Environmental precautions

Do not allow to enter drains or water courses.

### 6.3: Method for containment and clean up

Contain and collect spillages and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Take action to avoid static electricity discharge.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited during use. For personal protection see Section 8.

Keep away from sources of ignition. Take precautions to avoid static electricity discharge.

**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.

### 7.2 Precautions for safe storage

 Keep containers closed when not in use.

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

PAGE: 3 of 5  
DATE: 01.04.2016  
ISSUE: 3

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

## EXPOSURE LIMITS:

### Substance

### Occupational Exposure Limits

### Notations

8 hr LTEL (1)                      15 min STEL(2)  
ppm    mgm<sup>-3</sup>                      ppm    mgm<sup>-3</sup>

CYCLIC AROMATICS(2-25%)

EU ELV TWA 10ppm, 50mg/m<sup>3</sup>

ELV – Exposure Limit Values

- (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)
- ® Recommended by suppliers

## 8.2 Exposure Controls

**Engineering Measures:** Provide adequate ventilation during application and drying.

### Respiratory equipment

If ventilation is insufficient suitable respiratory protective equipment must be worn.

### Skin & Hand protection

Wear suitable protective clothing and plastic or rubber gloves.

### Eye protection

Eye protection designed to protect against liquid splashes should be worn. Equipment should conform to EN166

### Hygiene measures

When using do not eat drink or smoke. Wash hands before eating, drinking, smoking or using the toilet.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                  |                       |
|------------------|-----------------------|
| physical state   | viscous paste         |
| odour            | slight aromatic       |
| flash point      | >61°C                 |
| specific gravity | 1.84 - 1.90 @ 20 °C   |
| solubility       | not soluble in water. |
| VOC              | 95 g/ltr              |

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity  
No data available
- 10.2 Chemical stability  
Stable under normal temperature and storage conditions
- 10.3 Possibility of hazardous reactions  
Vapours can form an explosive mixture with air
- 10.4 Conditions to avoid  
Strong acids, bases and oxidising materials
- 10.5 Incompatible materials  
See section 10.4
- 10.6 Hazardous decomposition products  
See section 5

PAGE: 4 of 5  
DATE: 01.04.2016  
ISSUE: 3

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects

|                      |  |
|----------------------|--|
| Not Classified       | The product does not contain substances classified as toxic or sensitising |
| <b>Ingestion:</b>    | May cause discomfort if swallowed. May cause stomach pain                  |
| <b>Skin contact:</b> | May cause irritation to sensitive skin                                     |

**Eye contact:** May cause irritation  
**Sensitisation:** Not sensitising  
**STOT:** Not classified

## **SECTION 12. ECOLOGICAL INFORMATION**

### 12.1 Ecotoxicity

This product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

### 12.2 Persistence and degradability

There are no data on the degradability of this product

### 12.3 Bio accumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment: This product is not identified as a PBT or vPvB product

### 12.6 Other adverse effects

Not available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### 13.1 Waste treatment methods

Dispose of this material in accordance with local or national requirements.

Used and emptied containers contaminated with the product can be disposed of as non-hazardous trade waste.

## **SECTION 14 TRANSPORT INFORMATION**

This product is not covered by International regulation on the transport of dangerous goods.

### 14.1 UN number:

Not applicable

### 14.2 Proper shipping name:

Not applicable

### 14.3 Transport hazard class:

see 14.2

### 14.4 Packing group:

see 14.2

### 14.5 Environmental hazards:

Not classed as Marine pollutant

### 14.6 Special precautions for users: no. see section 7

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

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

Control of Substances Hazardous to Health Regulations 1999

Environment Act 1995

Management of Health and Safety at Work Regulations 1999

Personal Protective Equipment at Work Regulations 1992

Special Waste Regulations 1996 as amended

### **HEALTH AND SAFETY EXECUTIVE GUIDANCE NOTES**

HS(G)37

An Introduction to Local Exhaust Ventilation

EH40

Occupational Exposure Limits

EH44

Dust: General Principles of Protection

HS(G)53

The Selection, Use and Maintenance of Respiratory Protective Equipment

HS(G)71

Storage of Packaged Dangerous Substances

HS(G)193

COSHH Essentials: easy steps to control chemicals

L23

Manual Handling Guidance on Regulations

### **BRITISH STANDARDS PUBLICATIONS**

EN420: General Requirements for Gloves

EN166: Personal Eye Protection: Specifications

BS2092: Eye Protection for Industrial and Non-Industrial Users

No data available

**SECTION 16. OTHER INFORMATION**

**Full text of hazard statements shown in Section 3**

|                    |      |  |
|--------------------|------|--|
| Hazard statements: | H304 | May be fatal if swallowed and enters airways                   |
|                    | H372 | Causes damage to organs through prolonged or repeated exposure |
|                    | H412 | Harmful to aquatic life with long lasting effects              |

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of (EC) Regulation 1272/2008 (CLP) (and as amended). 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 suppliers 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.

# Wayside Adhesives

Manufacturing Partners to the OEM Industries

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## TECHNICAL DATA SHEET

### PRODUCT                      SCREENSEAL 310ml

#### DESCRIPTION

SCREENSEAL Butyl Rubber sealant is a non-hardening, gun-applied sealing compound with excellent adhesion to most construction surfaces. It dries by solvent release.

#### BENEFITS

- Life expectancy of 10 years in recommended applications
- Excellent adhesion
- Low shrinkage

#### SPECIFICATION COMPLIANCE

No specification available for this product.

#### APPLICATIONS

Primarily for providing a durable weatherproof seal between overlapping metallic sheets. Typical applications include sealing between cladding panels, vehicle and caravan body panels, profiled sheet roofing etc. The sealant remains pliable at low temperatures.

After application the exposed surface of the sealant becomes tack-free by solvent loss over the next 24-48 hours, depending on temperature, to produce a tough rubberized plastic seal.

#### TECHNICAL DETAILS

|                                |  |
|--------------------------------|--|
| Density:                       | 1.73-1.79g/cm <sup>3</sup>   |
| Flash Point:                   | >55°C  |
| Application Temperature Range: | +5°C to +40°C  |
| Service Temperature Range:     | -10°C to +70°C   |
| Slump Resistance (ISO7390):    | <3mm   |
| Service Life:                  | At least 10 years when used as recommended.                              |
| Shelf Life:                    | 12 months in unopened containers when stored under cool, dry conditions. |
| VOC (gm/litre)                 | 113  |

#### APPLICATION INSTRUCTIONS

All surfaces must be clean and dry and free from dirt, dust, grease and other contamination. Check the compatibility of the sealant with the surface for staining, adhesion etc. The sealant should be applied by applicator gun, firmly onto the surface to ensure good contact and adhesion.

Butyl Rubber Sealant is plastic in nature and the mechanical performance decreases with increased temperature.

## **STORAGE**

Store in cool dry conditions.

## **HEALTH AND SAFETY**

The sealant is flammable and contains organic solvent. Keep away from sources of ignition. Use in well ventilated areas.

Should any of the sealant come into contact with eyes, then flush eyes liberally with clean water. Seek medical advice if irritation persists. If accidentally ingested, seek medical attention and show the container or label. For eye contact flush with copious amounts of warm water and seek medical attention. See Health and Safety Data Sheet for further information.

## **KEEP AWAY FROM CHILDREN AND ANIMALS.**

### **Further Information**

**These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate**

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