

## HEALTH AND SAFETY DATA SHEET ROOF & GUTTER SEALANT

PAGE: 1 of 5  
 DATE: 22.06.2018  
 ISSUE: 5

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

**1.1 Product name: Roof & Gutter sealant**

**1.2 Use:** A non drying waterproof synthetic rubber sealant

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

Arc Building Products  
 IDA Bus. & Tech. Park  
 Ballynattin, Arklow  
 Co. Wicklow  
 Ireland  
 sales@arcbuildingproducts.ie

Tel: +353 (0)402 32370  
 Fax: +353 (0)402 24168

**1.4 Emergency Tel:** +353 (0)402 32370 (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

No pictogram required

Hazard statements None

Precautionary statements

P102 Keep out of reach of children  
 P273 Avoid release to the environment  
 P281 Use personal protective equipment as required  
 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)	% W/W
HYDROCARBONS C9-12 N-ALKANES, ISOALKANES CYCLIC AROMATICS (2-25%)	64742-82-1	919-446-0	01-2119458049-33-0000	GHS 02 Flam Liq 3 – H226 EUH066 STOT SE3 – H336 Asp Tox 1 - H304 Aquatic chronic 2 – H411	<2.5%

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

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

#### 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.

## 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>	

(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	>60°C
specific gravity	1.76 - 1.82 @ 20 °C
solubility	not soluble in water.
VOC	64 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

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects

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

## 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

## 15.2 Chemical safety assessment

### SECTION 16. OTHER INFORMATION

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

Hazard statements:	H226	Flammable liquid and vapour
	H336	May cause drowsiness and dizziness
	H304	May be fatal if swallowed and enters airways
	H411	Toxic to aquatic life with long lasting effects
EUH phrases	EUH066	Repeated exposure may cause skin dryness or cracking

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