

**Marley Alutec**

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E-Mail: [information@marleyalutec.co.uk](mailto:information@marleyalutec.co.uk)**SAFETY DATA SHEET**Revision date: 29<sup>th</sup> January 2018

Revision Number: 4

Replaces: : 20<sup>th</sup> September 2017**Marley Alutec Low Modulus Silicone****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name: MARLEY ALUTEC LOW MOD****1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the preparation:** Sealant**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** Marley Alutec  
Unit 1 (G-H), Viking Industrial Park  
Hudson Road  
Elms Farm Industrial Estate  
Bedford  
MK41 0LZ  
Tel: 01234 359438**Further information obtainable from:** [www.marleyalutec.co.uk](http://www.marleyalutec.co.uk)  
[information@marleyalutec.co.uk](mailto:information@marleyalutec.co.uk)**1.4 Emergency telephone number****Emergency tel:** 01234 359438 (Office Hours Only: 08:30 – 17:00)**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification under CLP:** The product is not classified according to the CLP regulation.**Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification Guideline for preparations of the EU" in the latest valid version.**Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 2.2 Label elements

### Labelling according to Regulation

(EC) No 1272/2008:	Void
Hazard pictograms:	Void
Signal word:	Void
Hazard statements:	Void
Additional information:	Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction. Safety data sheet available on request.

## 2.3 Other hazards

### Results of PBT and vPvB assessment



PBT:	Not applicable.
vPvB:	Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterization: Mixtures

**Description:** Mixture of substances listed below with non-hazardous additions.

#### Dangerous components:

CAS: 64742-46-7 EINECS: 265-148-2 Reg.nr.: 01-2119552497-29-xxxx	Distillates (petroleum), hydrotreated middle  Carc. 1B, H350	1-<5%
CAS: 128446-60-6	3-aminopropyl(methyl)silsesquioxanes, ethoxy terminated  Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-<5%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>General information:</b>	No special measures required.
<b>After inhalation:</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact:</b>	Generally the product does not irritate the skin.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water.
<b>After swallowing:</b>	If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Fire fighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### 5.3 Advice for fire-fighters

**Protective equipment:** Mouth respiratory protective device.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

#### 6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up

Pick up mechanically.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Use only in well ventilated areas.

#### **Information about fire - and explosion protection:**

No special measures required.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

### 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Goggles recommended during refilling

**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Pasty
<b>Colour:</b>	Various colours
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Undetermined.

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.
<b>Ignition temperature:</b>	Undetermined.
<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Product is not self-igniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Undetermined.
<b>Upper:</b>	Undetermined.

<b>Vapour pressure:</b>	Undetermined.
<b>Density at 20 °C:</b>	1.01 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.

**Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

**Solvent content:**

<b>Volatile Organic Solvents (VOCs):</b>	0.00 %
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**9.2 Other information**

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

#### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

#### 10.3 Possibility of hazardous reactions:

No dangerous reactions known.

#### 10.4 Conditions to avoid:

No further relevant information available.

#### 10.5 Incompatible materials:

No further relevant information available.

#### 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

#### Primary irritant effect:

#### On the skin:

No irritant effect.

#### On the eye:

No irritating effect.

#### Sensitization:

No sensitizing effects known.

#### Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

No further relevant information available.

#### 12.2 Persistence and degradability:

No further relevant information available.

#### 12.3 Bioaccumulative potential:

No further relevant information available.

#### 12.4 Mobility in soil:

No further relevant information available.

#### Additional ecological information:

#### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation:** Disposal must be made according to official regulations.

<b>European waste catalogue</b>	
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

#### 14.1 UN-Number

**ADR, ADN, IMDG, IATA:** Void

#### 14.2 UN proper shipping name

**ADR, ADN, IMDG, IATA:** Void

#### 14.3 Transport hazard class(es)

**ADR, ADN, IMDG, IATA**

**Class:** Void

#### 14.4 Packing group

**ADR, IMDG, IATA:** Void

#### 14.5 Environmental hazards:

**Marine pollutant:** **No**

**14.6 Special precautions for user:** Not applicable.

#### 14.7 Transport in bulk according to

**Annex II of MARPOL73/78 and the**

**IBC Code:** Not applicable.

**UN "Model Regulation":** -

### SECTION 15: Regulatory information

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

**National regulations:**

**Other regulations, limitations and prohibitive regulations -**

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350 May cause cancer

**Abbreviations and acronyms:**

ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
VOC:	Volatile Organic Compounds (USA, EU)
Flam. Liq. 3:	Flammable liquids, Hazard Category 3
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2:	Serious eye damage/eye irritation, Hazard Category 2
Asp. Tox. 1:	Aspiration hazard, Hazard Category 1