

SAFETY DATA SHEET

Revision date: 20th November 2009

Marley Alutec Low Modulus Silicone

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Marley Alutec Low Modulus Silicone
Use of the product : Sealant for the building industry
Supplier : Marley Alutec

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation : Mixture based on polydimethylsioxane, fillers, additives and curing agents.

<u>Hazardous ingredients</u> ≥1%	<u>CAS</u>	<u>Einecs</u>	<u>Weight</u>	<u>Danger</u>	<u>Risk</u>
<u>And toxic ingredients</u> ≥0.1%	<u>Number</u>	<u>Number</u>	<u>%</u>	<u>Symbol</u>	<u>Phrases</u>
Trimethoxyvinylsilane	2768-02-7	/	1-5	Xn	20/22
Methyltrimethoxysilane	1185-55-3	214-685-0	1-5	Xn	22
3-aminopropylmethylsilsesquioxanen	128446-60-6	/	1-5	Xi	36/38
Methanol	67-56-1	200-659-6	0,5-1,0	F,T	11-23/24/25-39/23/24/25

3. HAZARDS IDENTIFICATION

Potential health effects : None, when used normally.

4. FIRST AID MEASURES

Eyes : In case of contact flush eyes immediately with plenty of water for at least 15 minutes.
 Lift eyelids and rinse well underneath them. Get medical attention if irritation persists.

Mouth (ingestion) : Rinse mouth with water several times. Consult a physician and show this Safety Data Sheet.

Lungs (inhalation) : Fresh air and rest. Get medical attention if complaint persists.

Skin : Remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

Clothes : Remove contaminated clothing.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : CO₂, powder, foam and water spray.
Unsuitable extinguishing media : Unknown.
Special fire fighting procedures : Wear protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Keep away from drains and watercourses.
Clean up procedures : Wipe, scrape or soak up in inert material and put in a container for disposal.
Personal precautions : Wear proper protective equipment as described in the 'eye and skin protection' section of chapter 8

7. HANDLING AND STORAGE

Handling : Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.
Storage : Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational exposure limit : MAC-TLV methanol:260 mg/m³,200ppm
Respiratory protection : Avoid breathing the vapour. Maintain good ventilation.
Eye and skin protection : Avoid contact with skin and eyes. Wear safety glasses.
Industrial hygiene : When using do not eat, drink or smoke. Wash hands after work and before breaks.
 Don't rub eyes with dirty hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: paste	Flash point	: NA °C
Colour	: miscellaneous	Lower explosion limit	: NA vol-%
Odour	: Slight	Upper explosion limit	: NA vol-%
Density (water=1)	: 1,02 g/ml	Ignition temperature	: NA °C
pH (water=7)	: NA	Vapour pressure	: NA mbar
Boiling point (water=100)	: NA °C	Mixable with water	: no
Freezing point (water=0)	: NA °C	Mixable with organic solvents	: yes
		VOC-content	: 0 weight-%

10. STABILITY AND REACTIVITY

Hazardous decomposition products	: CO, CO ₂ , SiO ₂ , en NO _x . In contact with water: methanol.
Materials to avoid	: Reacts with water and forms methanol.
Conditions to avoid	: Unknown

11. TOXICOLOGICAL INFORMATION

Product information	Methanol	Methyltrimethoxysilane
Acute oral LD50 (mg/kg)	: 5628 (rat)	12500 (rat)
Acute dermal LD50 (mg/kg)	: Unknown	unknown
Acute inhalation LC50 (mg/l)	: Unknown	unknown
Other information	: Unknown	

For information on hazardous substances see 'chapter' 2.

12. ECOLOGICAL INFORMATION

Avoid release of uncured product into the environment

Degradability	: Silicone part not biodegradable
Ecotoxicity	: Unknown
WGK (Germany)	: 1

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local and national legislation.

Waste code uncured (Germany)	: 080402
Waste code cured (Germany)	: 080404

14. TRANSPORT INFORMATION

By sea according IMDG-Code	: Not applicable
By land according ADR	: Not applicable
By air according ICAO/IATA-DGR	: Not applicable
UN-number	: Not applicable
Proper shipping name	: Not applicable

15. REGULATORY INFORMATION

To the labeling requirements of EC Directives 67/548/EC and 1999/45/EC:

Danger Symbol	: Not applicable
Contains	: Not applicable
R-phrases	: Not applicable
S-phrases	: Not applicable
For professional user	: Safety Data Sheet available.
For DIY user	: Tactile warning not applicable.

16. OTHER INFORMATION

This Product Safety Data Sheet conforms to EC Directive 91/155/EEC as well as its amendments including 2001/58/EC. This data is offered in good faith as typical values and not as product specifications. No warranty either expressed or implied, is hereby made.

The recommended industrial and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.

NA	: Not Applicable
Unk	: Unknown