



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

Printed 04.01.2011

Revision 03.01.2011 (GB) Version 6.0

**Solar-Flex SP, Adhesive and Sealant, different
colours and packagings**

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product

Solar-Flex SP, Adhesive and Sealant, different colours and packagings

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
Postbox 84 60, DE-48045 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244

E-Mail : info@weicon.de
Internet : www.weicon.de

Advice

Abteilung Angebote, Verkauf, Export
Phone ++49(0)251 / 9322 - 0

Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)
Phone ++49(0)228-19 240

Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

2. Hazards identification

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives.

Special rules for supplemental label elements for certain mixtures

Containing: N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction..
Safety data sheet available for professional user on request.

Information pertaining to special dangers for human and environment

Not classified as dangerous preparation according to Directive 1999/45/EC.

3. Composition/information on ingredients

Description

Sealant

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
1760-24-3	217-164-6	N-(3-(trimethoxysilyl)propyl)ethylenediamine	< 2	Xi R41; R43; R52/53



4. First aid measures

General information

Remove moisted clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

Dab affected skin part with a cotton ball or cellulose and wash it afterwards with plenty of water and a mild cleaner.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

If swallowed by mistake drink plenty of water and seek medical treatment.

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

In case of fire formation of dangerous gases possible.

Nitrogen gases (NO_x)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Take up mechanically and send for disposal.



7. Handling and storage

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace. Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with food.

Further information on storage conditions

Store closed container at cool and aired place.

Protect from frost.

Protect from heat and direct solar radiation.

Store container at cool and aired place.

Store in a dry place.

Protect from heat/overheating.

8. Exposure controls/personal protection

Additional advice on system design

Sufficient ventilation and exhaustion.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
67-56-1	methanol	8 hours	266	200	EH40/2005
		Short-term	333	250	

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

Eye protection

safety goggles

Skin protection

protective clothing

General protective measures

Do not inhale vapours.

Hygiene measures

Keep away from food and drink.

Keep separated from food and feed.

Wash hands before breaks and after work.



9. Physical and chemical properties

Form pasty	Colour various	Odour characteristic
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	> 100 °C				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	< 100 hPa	20 °C			
Density	ca. 1,4 g/cm ³	20 °C			
Solubility in water					insoluble

10. Stability and reactivity

Conditions to avoid

Liberates methanol in contact with water resp. moisture.

Materials to avoid

Liberates methanol in contact with water resp. moisture.
Reactions with acids and strong oxidising agents.

Hazardous decomposition products

Nitrous gases
May form methanol in contact with water / moisture.

Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.

Additional information

The product is to be handled with the caution usual with chemicals.
Other hazardous properties may not be excluded.
Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. Ecological information

General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.



13. Disposal considerations

Recommendations for the product

Remove in accordance with local official regulations.

Product rests: send for disposal, e.g. special waste incineration.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the Recycling and Waste Management Act 8 KrW-/AbfG) stipulates recycling as a requirement.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

Recommendations for packaging

Dispose of according to the local waste regulations.

14. Transport information

Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

15. Regulatory information

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.