



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

Printed 11.02.2011

Revision 10.02.2011 (GB) Version 6.0

**Flex 310 M Crystal, Adhesive and Sealant,  
transparent (GB)**

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

**Product identifier**

**Name of product**

Flex 310 M Crystal, Adhesive and Sealant, transparent (GB)  
Code-Nr. 133080

**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/the relevant national laws.

**Special rules for supplemental label elements for certain mixtures**

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
2768-02-7	220-449-8	trimethoxyvinylsilane	< 10	R10; Xn R20; R65
13822-56-5	237-511-5	3-(trimethoxysilyl)propylamine	< 20	Xi R36/38
22673-19-4	245-152-0	Dibutylbis(pentane-2,4-dionato-O,O')tin	< 1	Xn 48/22; Xi R36/38; N R51/53



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## 4. First aid measures

### General information

In the event of persistent symptoms receive medical treatment.

### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

### In case of skin contact

In case of contact with skin wash off immediately with plenty of water.

### 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.

Refer to medical treatment.

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## 5. Firefighting measures

### Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

### Special hazards arising from the substance or mixture

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

In the event of fire the following can be released:

Nitrogen oxides (NO<sub>x</sub>)

Hydrogen chloride (HCl)

### 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.

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## 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 or bodies of water..

### 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.

### Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

### Further information on storage conditions

Protect from atmospheric moisture and water

Store container at cool and aired place.

Store in a dry place.

## 8. Exposure controls/personal protection

### Additional advice on system design

Sufficient ventilation and exhaustion.

### Respiratory protection

If ventilation insufficient, wear respiratory protection.

Multi-purpose filter ABEK

### Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

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

Avoid contact with the skin.

### Hygiene measures

Keep away from food and drink.

Wash hands before breaks and after work.

## 9. Physical and chemical properties

### Form

pasty

### Colour

colourless, clear

### Odour

characteristic

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not determined				
<b>Flash point</b>	> 240 °C				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				



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	Value	Temperature	at	Method	Remark
<b>Density</b>	> 1 g/cm <sup>3</sup>	20 °C			

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## 10. Stability and reactivity

### Conditions to avoid

Keep away from heat.  
High air humidity  
Water

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.  
Nitrous oxides (NO<sub>x</sub>)  
Hydrogen chloride (HCl)

### Thermal decomposition

Remark No decomposition if used as directed.

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## 11. Toxicological information

### Acute toxicity/Irritability/Sensitization

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	Value/Validation	Species	Method	Remark
<b>Irritability eye</b>	low irritant - no labeling duty			

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### Experiences made from practice

Swallowing may cause vomiting and diarrhoea.  
Frequent persistent contact with the skin may cause skin irritation.

### Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

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## 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.

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## 13. Disposal considerations

### Waste code No.

08 04 09\*

08 04 10

15 01 02

### Name of waste

waste adhesives and sealants containing organic solvents or other dangerous substances

waste adhesives and sealants other than those mentioned in 08 04 09

plastic packaging

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

### Recommendations for the product

Remove in accordance with local official regulations.



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### **Flex 310 M Crystal, Adhesive and Sealant, transparent (GB)**

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

#### **VOC standard**

VOC content 3 %

## 16. Other information

#### **Recommendend uses and restrictions**

National and local regulations concerning chemicals shall be observed.

#### **Further information**

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.

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

R 10 Flammable.

R 20 Harmful by inhalation.

R 36/38 Irritating to eyes and skin.

R 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.