



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed

06.01.2016

revision

18.06.2015 (GB) Version 8.5

### Flex 310 M Crystal

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Name of product

Flex 310 M Crystal

Code-Nr. 133080

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

### 1.3. Details of the supplier of the safety data sheet

Distributor

WEICON GmbH & Co. KG

Königsberger Str. 255, DE-48157 Münster

Postbox 48045, DE-8460 Münster

Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244

E-Mail : msds@weicon.de

Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department

Phone ++49(0)251 / 9322 - 0

E-mail (competent person):

msds@weicon.de

### 1.4. Emergency telephone number

GIZ Bonn (German, English) Tel: ++49(0)228-19 240

TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178

433 7434 (24h Emergency Contact)

Manufacturer

WEICON GmbH & Co. KG

Königsberger Str. 255, DE-48157 Münster

### 1.4. Emergency telephone number

Emergency advice

-

Phone -

GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)

Tel: ++49(0)228-19 240

TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178

433 7434 (24h Emergency Contact)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

#### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



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

Contains Bis(1,2,2,6,6-pentamethylpiperidyl) sebacate, 3-(2-Aminoethylamino)-propyltrimethoxysilan. May produce an allergic reaction.

Contains N-[3-(trimethoxymethylsilyl)propyl]ethylenediamine. May cause allergic reactions.

**2.3. Other hazards**

**Information pertaining to special dangers for human and environment**

Although this product is not subject to reporting requirements for hazardous products, we recommend compliance with the safety recommendations.

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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**SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

Sealant

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove moistened 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**

Call for a doctor immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No information available.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

**Unsuitable extinguishing media**

Full water jet



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

In case of fire formation of dangerous gases possible.

#### 5.3. Advice for firefighters

##### Special protective equipment for fire-fighters

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

##### Additional information

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

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### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Ensure adequate ventilation.

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

#### 6.2. Environmental precautions

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

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

Take up mechanically and send for disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

##### General protective measures

Do not inhale gases/vapours/aerosols.

Avoid contact with the skin.

##### Hygiene measures

Keep away from food and drink.

Keep separated from food and feed.

Wash hands before breaks and after work.

##### Advice on protection against fire and explosion

Pay attention to general rules of internal fire prevention.

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

##### Requirements for storage rooms and vessels

Keep in closed original container.

Prevent penetration into the ground.

##### Advice on storage compatibility

Do not store with acids.

Do not store together with food.

Do not store together with oxidizing agents.

##### Further information on storage conditions

Protect from frost.

Protect from atmospheric moisture and water



Protect from heat and direct solar radiation.  
Store container at cool and aired place.  
Store in a dry place.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice

The statutory local and national regulations have to be observed.  
In case of contact with water (humid air), small amounts of methanol may be formed.

### 8.2. Exposure controls

#### Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

#### Hand protection

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

#### Eye protection

safety goggles

#### Other protection measures

protective clothing

#### Appropriate engineering controls

Sufficient ventilation and exhaustion.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

pasty

#### Colour

colourless, clear

#### Odour

characteristic

#### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>boiling point</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	> 100 °C				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				



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	Value	Temperature	at	Method	Remark
<b>Ignition temperature</b>	420 °C				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	0,1 Vol-%				
<b>Upper explosion limit</b>	0,2 Vol-%				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,01 g/cm <sup>3</sup>	20 °C			
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity dynamic</b>	not determined				
<b>Viscosity kinematic</b>	not determined				
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	No information available.				
<b>9.2. Other information</b>	No information available.				

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Acid

Oxidising agent, strong

**10.4. Conditions to avoid**

High air humidity

Water

**10.5. Incompatible materials****Substances to avoid**

Liberates methanol in contact with water resp. moisture.



#### 10.6. Hazardous decomposition products

Nitrous gases

May form metahanol in contact with water / moisture.

#### Thermal decomposition

Remark No decomposition if used as directed.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	low irritant effect - not necessary to label			

##### 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.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No information available.

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

No information available.

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

##### General regulation

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Waste code No.

08 04 09\*

08 04 10

15 01 02

##### Name of waste

waste adhesives and sealants containing organic solvents or other hazardous 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 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Dispose of according to the local waste regulations.

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-
14.6. Special precautions for user	No information available.		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable		
Transport/further information	No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.		

**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****! VOC standard**

VOC content 0 %

**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

For industrial use only.

**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.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.4