

Weicon GmbH

Revision date: 13.12.2009

Revision no.:

1,00

Flex 310 M Classic, Adhesive and Sealant, different colours

7619-0099

## **1. Product and Company Identification**

### **Commercial product name**

Flex 310 M Classic, Adhesive and Sealant, different colours

### **Further trade names**

13305

### **Chemical characterization ( Mixture )**

Non-hazardous preparation.

1-Component Adhesives and Sealants.

(Permanently elastic)

### **Company/undertaking identification**

#### **Manufacturer**

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

Telephone: +49 (0) 251 9322 - 0

Telefax: +49 (0) 251 9322 - 244

e-mail: info@weicon.de

Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

## **2. Hazards Identification**

### **Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

### **Signs and Symptoms of Exposure**

OSHA Hazard Communication: This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

## **3. Composition/Information on Ingredients**

### **Hazardous components**

CAS No.	Components	Quantity
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	<2 %

### **Further Information**

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

## **4. First Aid Measures**

### **General information**

Remove contaminated soaked clothing immediately.

### **After inhalation**

Move victim to fresh air.

In the event of symptoms refer for medical treatment.

### **After contact with skin**

Take away immediately by mechanical means.

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

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Consult a doctor if skin irritation persists.

**After contact with eyes**

In case of contact with eyes rinse thoroughly with water.

If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting.

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

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**5. Fire Fighting Measures**

**Suitable extinguishing media**

Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

**Unsuitable extinguishing media**

Full water jet

**Special hazards arising from the chemical**

Fire may produce:

Carbon monoxide and carbon dioxide.

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

**Protective equipment and precautions for firefighters**

Use breathing apparatus with independent air supply.

**Additional information**

Cool endangered areas with water spray.

Collect contaminated firefighting water separately, must not be discharged into the drains.

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**6. Accidental Release Measures**

**Personal precautions**

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

**Environmental precautions**

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

**Methods for cleaning up/taking up**

Take up mechanically and send for disposal.

Shovel into suitable container for disposal.

**Additional information**

Contact with water liberates methanol.

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**7. Handling and Storage**

**Handling**

**Advice on safe handling**

Ensure adequate ventilation.

Avoid contact with skin, eyes and clothing.

**Advice on protection against fire and explosion**

Pay attention to general rules of internal fire prevention.

**Further information on handling**

Ensure adequate room ventilation, if necessary ensure local exhaust at workplace.

**Storage**

**Requirements for storage rooms and vessels**

Keep containers tightly closed in a cool, well-ventilated place.

Protect from frost.

Protect from heat and direct solar radiation.

**Advice on storage compatibility**

Do not store together with food.

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**Further information on storage conditions**

Store in a dry place.

**8. Exposure Controls/Personal Protection****Exposure limit values****Additional advice on limit values**

Contact with water liberates methanol.

Methanol workplace exposure limit TWA: 200 ppm (ACGIH)

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Avoid contact with eyes and skin.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

**Respiratory protection**

Not required under normal use.

If ventilation insufficient, wear respiratory protection.

**Hand protection**

Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove &lt;Butoject 898&gt; made by www.kcl.de.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Safety goggles

**9. Physical and Chemical Properties****Appearance**

Form:	Pasty
Color:	Various
Odor:	Characteristic

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point:	>100 °C
Lower explosion limits:	n.d.
Upper explosion limits:	n.d.
Vapour pressure: (at 20 °C)	<100 hPa
Density (at 20 °C):	approx. 1,4 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	Insoluble

**10. Stability and Reactivity****Stability**

Stable

**Conditions to avoid**

Contact with water liberates methanol.

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**Materials to avoid**

Reactions with strong acids.

Strong oxidizing agents

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

Nitrous gases

Contact with water liberates methanol.

**Possibility of Hazardous Reactions**

Will not occur

**Additional information**

No decomposition if stored and applied as directed.

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**11. Toxicological Information**

**Corrosive and irritant effects**

Frequent persistent contact with the skin may cause skin irritation.

**Additional information on tests**

The product contains:

3-(2'-Aminoethylamino)-propyl trimethoxysilane

Allergic reactions possible ( analogy-reasons ).

**Empirical data on effects on humans**

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

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**12. Ecological Information**

**Further information**

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants.

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**13. Disposal Considerations**

**Advice on disposal**

Remove in accordance with local official regulations.

If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

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**14. Transport Information**

**US DOT 49 CFR 172.101**

**Proper shipping name**

Not regulated.

**Land transport (ADR/RID)**

**Description of the goods**

No hazardous material as defined by the transport regulations.

**Other applicable information**

No hazardous material as defined by the transport regulations.

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**15. Regulatory Information**

**U.S. Regulations**

**National Inventory TSCA**

All of the components are listed on the TSCA inventory.

**SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and

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the requirements of 40 CFR Part 372.

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## 16. Other Information

### Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 0

Physical Hazard: 0

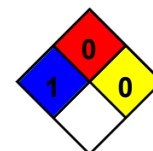
### NFPA Hazard Ratings

Health: 1

Flammability: 0

Reactivity: 0

Unique Hazard:



### Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*