

Weicon GmbH

Revision date: 16.01.2010

Revision no.:

1,00

Flex 310 M Crystall, Adhesive and Sealant, transparent

7619-0124

1. Product and Company Identification

Commercial product name

Flex 310 M Crystall, Adhesive and Sealant, transparent

Further trade names

13308

Chemical characterization (Mixture)

Non-hazardous preparation.

1-Component Adhesives and Sealants. - (Permanently elastic)

Company/undertaking identification

Manufacturer

Weicon GmbH

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D-48157 Münster

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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
13822-56-5	3-(Trimethoxysilyl)propylamine	<20 %
2768-02-7	Trimethoxyvinylsilane	<10 %
22673-19-4	Dibutylbis(pentan-2,4-dionato-O,O') tin	<1 %

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

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

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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.

Advice to physician

In the event of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

5. Fire Fighting Measures

Suitable extinguishing media

Alcohol-resistant foam.
Dry powder
Carbon dioxide

Special hazards arising from the chemical

Fire may produce:
Carbon monoxide and carbon dioxide.
Nitrogen gases (NO_x)
Hydrogen chloride (HCl)

Protective equipment and precautions for firefighters

Use breathing apparatus with independent air supply.
Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered areas with water spray.
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental Release Measures

Personal precautions

Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Use breathing apparatus if exposed to vapours/dust/fumes.

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.

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 in the original sealed container.
Protect from frost.
Protect from heat and direct solar radiation.
Protect from atmospheric moisture and water.

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Further information on storage conditions

Store in a dry place.

Protect from heat/overheating.

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

Minimize exposure in accordance with good hygiene practices.

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.

Do not inhale vapours.

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 <Butoject 898> 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

Skin protection

Protective clothing

9. Physical and Chemical Properties**Appearance**

Form:	Pasty
Color:	Colourless, clear
Odor:	Characteristic

Important health, safety and environmental information

	Test method
pH-Value:	n.d.

Changes in the physical state

Flash point:	>240 °C
Lower explosion limits:	n.d.
Upper explosion limits:	n.d.
Density (at 20 °C):	>1 g/cm ³
Water solubility: (at 20 °C)	More or less insoluble
Solubility in other solvents:	Soluble in most of organic solvents

10. Stability and Reactivity**Stability**

Stable



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Conditions to avoid

Keep away from heat.

High humidity

Water

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Nitrous oxides (NOx)

Hydrogen chloride (HCl)

Possibility of Hazardous Reactions

Will not occur

Additional information

No decomposition if stored and applied as directed.

11. Toxicological Information

Acute toxicity

Ingestion may cause nausea and vomiting

Corrosive and irritant effects

Eye irritation :Low irritant effect - not necessary to label

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.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Frequent persistent contact with the skin may cause skin irritation.

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.

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.

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.

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

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requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

State Regulations

This product contains max VOC: 3%

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)"

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