

Weicon GmbH

Revision date: 15.12.2009

Revision no.:

1,00

Flex 310, Adhesive and Sealant, different colours

7619-0101

1. Product and Company Identification

Commercial product name

Flex 310, Adhesive and Sealant, different colours

Further trade names

13302

Chemical characterization (Mixture)

1-Component Adhesives and Sealants. (Permanently elastic)

Company/undertaking identification

Manufacturer

Weicon GmbH

Königsberger Straße 255

D-48157 Münster

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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

CAUTION !

Sensitization through inhalation possible.

OSHA Hazard Communication: This material is 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
1330-20-7	xylene	<5 %
90622-57-4	Alkanes, C9-12-iso-	<2 %
26447-40-5	methylenediphenyl diisocyanate	<1 %

4. First Aid Measures

General information

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

If threatening unconsciousness, position and transport in recovery position.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

After contact with skin

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

Rinse eyes immediately with large amounts of water for several minutes, especially under the eyelids.
Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
Call a physician immediately.

Advice to physician

The following symptoms may occur: Shortness of breath
In the event of pulmonary irritation treat initially with dexamethasone metered-dose aerosol.

5. Fire Fighting Measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Protective equipment and precautions for firefighters

Use breathing apparatus with independent air supply.

Additional information

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

6. Accidental Release Measures

Personal precautions

Remove persons to safety.
Ensure adequate ventilation.
Keep away sources of ignition.

Environmental precautions

Clean contaminated surface thoroughly.
Do not discharge into the drains or bodies of water.

Methods for cleaning up/taking up

Take up mechanically.
Shovel into suitable container for disposal.

7. Handling and Storage

Handling

Advice on safe handling

Use only in thoroughly ventilated areas.
Avoid contact with skin, eyes and clothing.
Keep in closed original container.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.
Vapours can form an explosive mixture with air.

Further information on handling

Open and handle container with care.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.
Protect from frost.
Protect from heat and direct solar radiation.
Store in a dry place.

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Further information on storage conditions

Storage stability 12 months maximum.

8. Exposure Controls/Personal Protection**Exposure limit values****Exposure limits**

CAS No.	Components	ppm	mg/m ³	fib/cc	Category	Origin
1330-20-7	Xylene	100	434		TWA (8 h)	TLV
		150	651		STEL (15 min)	TLV
		-	-		Peak	TLV
1330-20-7	Xylenes (o-,m-,p-isomers)	100	435		TWA (8 h)	PEL

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Do not inhale gases/vapours/aerosols.

Avoid contact with eyes and skin.

Keep away from food and drink.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Respiratory protection

Use suitable breathing apparatus if there is inadequate ventilation.

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.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

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: Various, depending on coloration

Odor: Solvent-like

Important health, safety and environmental information

	Test method
pH-Value:	n.d.

Changes in the physical state

Flash point:	n.a.
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Lower explosion limits:	0,4 vol. %
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Upper explosion limits:	7,6 vol. %
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Vapour pressure: (at 20 °C)	<100 hPa hPa
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Density (at 20 °C):

1,175 g/cm³

Water solubility:

Insoluble, Reacts with water

(at 20 °C)

Solvent content

5,9%

Other information

Ignition temperature:

>200 °C

10. Stability and Reactivity

Stability

Stable

Conditions to avoid

Reactions with water.

Materials to avoid

Reactions with acids.

Reactions with alcohols.

Reactions with alkalies.

Reactions with amines.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Hydrogen chloride (HCl)

Sulphurous oxides (SO_x)

Possibility of Hazardous Reactions

May occur

Additional information

No decomposition if stored and applied as directed.

11. Toxicological Information

Sensitizing effects

Sensitization through inhalation possible.

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 be discharged into aquatic environment.

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.

Contaminated packagings are to be treated like the product itself.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

14. Transport Information

US DOT 49 CFR 172.101

Proper shipping name

Not regulated.

Land transport (ADR/RID)

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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

This product contains toxic chemical(s) subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372. Any such toxic chemical(s) are shown below.

Methylenediphenyl diisocyanate, CAS No. 26447-40-5 (max. 1%)

Section 313 Toxic Release Chemicals

m-Xylene (CAS 108-38-3) (max. 5%)

State Regulations

This product contains max VOC: 69% (5,9 g/L)

16. Other Information**Hazardous Materials Information Label (HMIS)**

Health: *2

Flammability: 0

Physical Hazard: 1

NFPA Hazard Ratings

Health: 2

Flammability: 0

Reactivity: 1

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.)