



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, Adhesive and Sealant, different colours
(GB)**

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

Product identifier

Name of product

Flex 310, Adhesive and Sealant, different colours (GB)
Code-Nr. 133020

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

Classification according to 67/548/EEC or 1999/45/EC

R42

R-phrases

42 May cause sensitization by inhalation.

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Xn Harmful

R-phrases

42 May cause sensitization by inhalation.

S-phrases

2 Keep out of the reach of children.

23 Do not breathe vapour.

23 Do not breathe spray.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous ingredients for labeling

methylenediphenyl diisocyanate

Special rules for supplemental label elements for certain mixtures

Contains isocyanates. See information supplied by the manufacturer.



Information pertaining to special dangers for human and environment
Contains isocyanates. Observe manufacturer's instructions.

3. Composition/information on ingredients

Description

Adhesive basing on polyurethane

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
26447-40-5	247-714-0	methylenediphenyl diisocyanate	< 1	Carc.Cat.3 R40; Xn R20-48/20; Xi R36/37/38; R42/43
1330-20-7	215-535-7	xylene	< 5	R10; Xn R20/21; Xi R38
90622-57-4	292-459-0	isoparaffiner, C9-12-	< 2	Xn R65; N R53; R66

4. First aid measures

General information

If threatening unconsciousness, position and transport in recovery position

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

Do not induce vomiting.

Call for a doctor immediately.

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

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

In case of fire formation of dangerous gases possible.

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.



6. Accidental release measures

Personal precautions

Ensure adequate ventilation.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up

Take up mechanically.

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

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

Requirements for storage rooms and vessels

Prevent penetration into the ground.

Advice on storage compatibility

Do not store together with food.

Further information on storage conditions

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

8. Exposure controls/personal protection

Additional advice on system design

Sufficient ventilation and exhaustion.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
1330-20-7	Xylene, o-, m-, p- or mixed isomers	8 hours	220	50	EH40/2005
		Short-term	441	100	

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
1330-20-7	xylene, mixed isomers, pure	8 hours	221	50	skin
		Short-term	442	100	

Respiratory protection

If ventilation insufficient, wear respiratory protection.
Short term: filter apparatus, filter AX

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]: fluorinated rubber; 0,7mm; 480min; 60min;



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Eye protection

safety goggles

Skin protection

protective clothing

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

Keep away from food and drink.

Keep separated from food and feed.

Wash hands before breaks and after work.

9. Physical and chemical properties

Form

pasty

Colour

various

Odour

solvent-like

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	not applicable				
Ignition temperature	> 200 °C				
Lower explosion limit	0,4 Vol-%				
Upper explosion limit	7,6 Vol-%				
Vapour pressure	< 100 hPa	20 °C			
Density	1,175 g/cm ³	20 °C			
Solubility in water					insoluble, reacts with water
Solvent concentration	5,9 %				

10. Stability and reactivity

Conditions to avoid

Reactions with water.

Materials to avoid

Reactions with acids.

Reactions with alcohols.

Reactions with alkalies.

Reactions with amines.

Hazardous decomposition products

Nitrous gases

Forms carbon dioxide by reacting with water. Bursting danger of closed containers.

Hydrogen chloride (HCl)

Sulphurous oxides (SO_x)



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Thermal decomposition

Remark No decomposition if used as directed.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Sensitization respiratory system	sensitizing			

Experiences made from practice

Sensitization through inhalation possible.

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.

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.

13. Disposal considerations

Waste code No.

08 04 09*

Name of waste

waste adhesives and sealants containing organic solvents or other dangerous substances

08 04 10

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

08 04 11*

adhesive and sealant sludges containing organic solvents or other dangerous substances

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.

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	69 %
VOC value	5,9 g/L

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 20/21 Harmful by inhalation and in contact with skin.
- R 36/37/38 Irritating to eyes, respiratory system and skin.
- R 38 Irritating to skin.
- R 40 Limited evidence of a carcinogenic effect.
- R 42/43 May cause sensitization by inhalation and skin contact.
- R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R 53 May cause long-term adverse effects in the aquatic environment.
- R 65 Harmful: may cause lung damage if swallowed.
- R 66 Repeated exposure may cause skin dryness or cracking.