



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)

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Flex 290 M Adhesive and Sealant, transparent (GB)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	Flex 290 M Adhesive and Sealant, transparent (GB) Code-Nr. 13-3
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	Informationszentrale gegen Vergiftungen - Bonn Phone ++49(0)228-19 240
Recommended intended purpose(s)	1-Component Adhesives and Sealants, permanently elastic

2. HAZARDS IDENTIFICATION

Special hazards information for humans and environment
Not classified as dangerous preparation according to Directive 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification
2768-02-7	220-449-8	trimethoxyvinylsilane	< 10	R10; Xn R20; R65
13922-56-5	237-511-5	3-(trimethoxysilyl)propylamine	< 20	Xi R36/38
22673-19-4	245-152-0	Dibutylbis(pentane-2,4-dionato-O,O')tin	< 1	Xn 48/22; Xi R36/38; N R51/53

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

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.

Physician's information / possible symptoms

Shortness of breath



Treatment (Advice to doctor)

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Foam

ABC powder

Carbon dioxide

water mist

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

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

In case of fire formation of dangerous gases possible.

Nitrogen gases (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Under certain fire conditions traces of other toxic substances cannot be excluded.

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.

Do not inhale explosion and/or combustion gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Environmental precautions

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

Methods for cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

After taking up the material dispose according to regulation.

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.

Open and handle container with care!

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from atmospheric moisture and water

Protect from heat/overheating.

Information on storage stability

Storage stability 12 months maximum.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection

If ventilation insufficient, wear respiratory protection.

Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: natural rubber, 0,6mm; 480min; 60min;

Eye protection

tightly fitting goggles

Skin protection

protective clothing

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

pasty

Colour

colourless, clear

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	not determined				
Flash point	> 240 °C				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Density	1,04 g/cm ³	20 °C			
Solubility in water					more or less insoluble
Solubility/other					soluble in most organic solvents

10. STABILITY AND REACTIVITY

Conditions to avoid

Keep away from heat.

Moisture.

Hazardous decomposition products

Nitrous gases

carbon monoxide and carbon dioxide

Hydrogen chloride (HCl)

**Thermal decomposition**

Remark No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
Irritability eye	low irritant - no labeling duty			

Experiences made from practice

Swallowing may cause vomiting and diarrhoea.

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG

12. ECOLOGICAL INFORMATION**Data on elimination (persistence and degradability)**

	Elimination rate	Method of analysis	Method	Validation
Physico-chemical degradability	not determined			
Biological degradability	not determined			

General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
15 01 02	plastic packaging

Recommendations for the product

Remove in accordance with local official regulations.

Product rests: send for disposal, e.g. special waste incineration.

Recommendations for packaging

Packaging that cannot be cleaned should be disposed of like the product.

14. TRANSPORT INFORMATION**Transport/further information**

No hazardous material as defined by the prescriptions.



15. REGULATORY INFORMATION

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

Special labelling for certain preparations

Safety data sheet available for professional user on request.

VOC standard

VOC content	4 %
VOC value	0,009 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 poperties of the product.

Wording of the R-phrases specified in chapter 3 (not the classification of the formulation!)

R 10 Flammable.

R 20 Harmful by inhalation.

R 36/38 Irritating to eyes and skin.

R 48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.