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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Name of product** Flex + Bond Liquid  
Code-Nr. 133540

### 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

1-Component Adhesives and Sealants, permanently elastic

### 1.3. Details of the supplier of the safety data sheet

#### Distributor

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster  
Phone : +49(0)251 / 9322 - 0, Fax : +49(0)251 / 9322 - 244  
E-Mail : msds@weicon.de  
Internet : www.weicon.de

#### Advice

Produktsicherheit / Product-Safety-Department  
Phone : +49(0)251 / 9322 - 0  
Fax : +49(0)251 / 9322 - 244  
E-mail (competent person):  
msds@weicon.de

### 1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:  
++44 1865 407333 (English)  
TRANSPORT EMERGENCY CONTACT - UK, UAE, South  
Africa (24h): Tel: ++44 1865 407333 (English)

#### Manufacturer

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster

### 1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):  
Tel: ++49 69 222 25285 (Deutsch, Englisch)

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

#### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

#### Special rules for supplemental label elements for certain mixtures

Safety data sheet available on request.

### 2.3. Other hazards

**Information pertaining to special dangers for human and environment**

Although this product is not subject to reporting requirements for hazardous products, we recommend compliance with the safety recommendations.

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Sealant

**Hazardous ingredients**

| CAS No     | EC No     | Name  | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|------------|-----------|---|------------|--|
| 90622-57-4 | 918-167-1 | Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics | < 10       | Flam. Liq. 3, H226 / Asp. Tox. 1, H304 / Aquatic Chronic 4, H413   |

**REACH**

| CAS No     | Name  | REACH registration number |
|------------|---|---------------------------|
| 90622-57-4 | Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics | 01-2119472146-39          |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove moistened clothing immediately.

**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.

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.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

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.

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Take the usual precautions when handling with chemicals.

#### General protective measures

Do not inhale vapours.

Avoid contact with the skin.

#### Hygiene measures

At work do not eat, drink and smoke.

Wash hands before breaks and after work.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking  
Protect from heat and sunlight.  
Vapours can form an explosive mixture with air.  
Take precautionary measures against static discharges.  
Pay attention to general rules of internal fire prevention.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Prevent penetration into the ground.

**Advice on storage compatibility**

Do not store with acids.  
Do not store together with animal feedstuffs.  
Do not store together with food.  
Do not store together with oxidizing agents.

**Further information on storage conditions**

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

**7.3. Specific end use(s)****Recommendation(s) for intended use**

See section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

| CAS No  | Name     | Code       | [mg/m3] | [ppm] | Remark    |
|---------|----------|------------|---------|-------|-----------|
| 67-56-1 | methanol | 8 hours    | 266     | 200   | EH40/2005 |
|         |          | Short-term | 333     | 250   |           |

**Additional advice**

The statutory local and national regulations have to be observed.

**8.2. Exposure controls****Respiratory protection**

Breathing apparatus in the event of high concentrations.  
Short-term: filter apparatus, filter A2/P2, otherwise environment-independent breathing apparatus.

**Hand protection**

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.  
Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.  
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.

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing



**Appropriate engineering controls**  
Sufficient ventilation and exhaustion.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                            |                        |                                |
|----------------------------|------------------------|--------------------------------|
| <b>Appearance</b><br>pasty | <b>Colour</b><br>white | <b>Odour</b><br>characteristic |
|----------------------------|------------------------|--------------------------------|

**Odour threshold**  
not determined

### Important health, safety and environmental information

|  | Value                      | Temperature | at | Method | Remark    |
|--|----------------------------|-------------|----|--------|-----------|
| <b>pH value</b>  | not determined             |             |    |        |           |
| <b>boiling point</b>                                     | not determined             |             |    |        |           |
| <b>melting point</b>                                     | not determined             |             |    |        |           |
| <b>Flash point</b>                                       | not applicable             |             |    |        |           |
| <b>Vapourisation rate</b>                                | not determined             |             |    |        |           |
| <b>Flammable (solid)</b>                                 | not applicable             |             |    |        |           |
| <b>Flammability (gas)</b>                                | not applicable             |             |    |        |           |
| <b>Ignition temperature</b>                              | > 200 °C                   |             |    |        |           |
| <b>Self ignition temperature</b>                         | not determined             |             |    |        |           |
| <b>Lower explosion limit</b>                             | 0,1 Vol-%                  |             |    |        |           |
| <b>Upper explosion limit</b>                             | 7 Vol-%                    |             |    |        |           |
| <b>Vapour pressure</b>                                   | < 100 hPa                  | 20 °C       |    |        |           |
| <b>Relative density</b>                                  | ca. 1,48 g/cm <sup>3</sup> | 20 °C       |    |        |           |
| <b>Vapour density</b>                                    | not determined             |             |    |        |           |
| <b>Solubility in water</b>                               |                            |             |    |        | insoluble |
| <b>Solubility/other</b>                                  | not determined             |             |    |        |           |
| <b>Partition coefficient n-octanol/water (log P O/W)</b> | not determined             |             |    |        |           |
| <b>Decomposition temperature</b>                         | not determined             |             |    |        |           |
| <b>Viscosity dynamic</b>                                 | not determined             |             |    |        |           |
| <b>Viscosity kinematic</b>                               | not determined             |             |    |        |           |

**Flex + Bond Liquid**

|                        | Value | Temperature | at | Method | Remark |
|------------------------|-------|-------------|----|--------|--------|
| <b>Solvent content</b> | 5 %   |             |    |        |        |

**Oxidising properties**

No information available.

**Explosive properties**

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

**9.2. Other information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Reactions with acids.

Reactions with strong oxidising agents.

**10.4. Conditions to avoid**

Keep away from heat.

Liberates methanol in contact with water resp. moisture.

**10.5. Incompatible materials****Substances to avoid**

Air, humid

Acid

Oxidising agent, strong

Water

**10.6. Hazardous decomposition products**

Nitrous gases

May form methanol in contact with water / moisture.

**Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

|                           | Value/Validation                             | Species | Method | Remark |
|---------------------------|--|---------|--------|--------|
| <b>Skin irritation</b>    | low irritant effect - not necessary to label |         |        |        |
| <b>Eye irritation</b>     | non-irritant                                 |         |        |        |
| <b>Skin sensitization</b> | non-sensitizing                              |         |        |        |

**Subacute Toxicity - Carcinogenicity**

| Value                        | Species | Method | Validation  |
|------------------------------|---------|--------|---|
| <b>Mutagenicity</b>          |         |        | No experimental in-vitro information available.                                   |
| <b>Reproduction-Toxicity</b> |         |        | No indications of toxic effects were observed in reproduction studies in animals. |
| <b>Carcinogenicity</b>       |         |        | No indications of carcinogenic effects are available from long-term trials.       |

**Experiences made from practice**

Frequent persistent contact with the skin may cause skin irritation.

**Additional information**

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.

**SECTION 12: Ecological information****12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects****General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

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

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste code No.**

08 04 09\*

**Name of waste**

waste adhesives and sealants containing organic solvents or other hazardous 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 hazardous substances

08 04 12

adhesive and sealant sludges other than those mentioned in 08 04 11

15 01 02

plastic packaging



15 01 10\*

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC 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.

**General information**

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

**SECTION 14: Transport information**

|  | ADR/RID  | IMDG | IATA-DGR |
|--|--|------|----------|
| 14.1. UN number  | -  | -    | -        |
| 14.2. UN proper shipping name  | -  | -    | -        |
| 14.3. Transport hazard class(es)   | -  | -    | -        |
| 14.4. Packing group  | -  | -    | -        |
| 14.5. Environmental hazards  | -  | -    | -        |
| 14.6. Special precautions for user   | No information available.  |      |          |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | not applicable   |      |          |
| Transport/further information  | No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR. |      |          |

**! SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard**

|             |          |
|-------------|----------|
| VOC content | 5,02 %   |
| VOC value   | 74,3 g/L |

**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**! SECTION 16: Other information****! Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.  
For industrial use only.

**Further information**

Each user is responsible for the implementation of the national special regulations.  
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.





## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 05.08.2019

revision 13.07.2018 (GB) Version 1.1

### **Flex + Bond Liquid**

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Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.0

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H413 May cause long lasting harmful effects to aquatic life.