



## SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

## Flex 310 M HT200, Adhesive and Sealant

Article number 136550

Revision date: Feb/17/2016

Version: 1

Language: en-US

Date of print: Feb/26/2016

Page:

1 of 7

### 1. Product and company identification

#### Product identifier

Trade name: Flex 310 M HT200, Adhesive and Sealant

#### Relevant identified uses of the substance or mixture and uses advised against

General use: One-component adhesive and sealing agent, permanently elastic.  
Reserved for industrial and professional use.

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

Company name: WEICON Inc.  
Street/POB-No.: 20 Steckle Place, Unit 20  
Postal Code, city: Kitchener, Ontario N2E 2C3, CA  
WWW: www.weicon.ca  
E-mail: info@weicon.ca  
Telephone: +1-519-896-5252  
Telefax: +1-519-896-5254  
Dept. responsible for information:  
Product-Safety-Department  
Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de  
Additional information: WEICON GmbH & Co. KG  
Königsberger Straße 255  
Münster 48157  
www.weicon.de  
info@weicon.de  
+49(0)251 / 9322 - 0  
+49(0)251 / 9322 - 244

#### Emergency phone number

GIZ, Bonn Germany ( English )  
Telephone: +49(0)228 / 19 240

### 2. Hazards identification

#### Emergency overview

Appearance: Form: pasty  
Color: gray  
Odor: characteristic  
Classification: This material is classified as not hazardous.

#### Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

#### Hazards not otherwise classified

With exposure to moisture, product will release methanol.  
Information about methanol: Highly flammable liquid and vapor. Toxic if swallowed, in contact with skin or if inhaled.  
see section 11: Toxicological information



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### 3. Composition / Information on ingredients

Additional information: With exposure to moisture, product will release methanol. The maximum workplace exposure limits are, where necessary, listed in section 8.

### 4. First aid measures

General information: Take off immediately all contaminated clothing.

In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical aid in case of troubles.

Following skin contact: Immediately clean with water and soap followed by thorough rinsing. In case of skin irritation, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Keep eye wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Do not attempt to pull apart bonded eyelid. Subsequently consult an ophthalmologist.

After swallowing: Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

#### Most important symptoms/effects, acute and delayed

no data available

#### Information to physician

Treat symptomatically.

### 5. Fire fighting measures

Flash point/flash point range:

> 212 °F

Auto-ignition temperature: not determined

Suitable extinguishing media:

Alcohol resistant foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Water

#### Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Methanol, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

### 6. Accidental release measures

Personal precautions: Avoid contact with skin, eyes, and clothing. Do not breathe vapors/dust/ aerosols. Provide adequate ventilation. Wear protective equipment. Take off contaminated clothing.

Environmental precautions: Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.



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Page:

3 of 7

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.

Wear protective equipment. Do not breathe vapors/dust/ aerosols.

Avoid contact with skin, eyes, and clothing.

Take off contaminated clothing.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture contamination. Protect from frost, heat and sunlight.

Hints on joint storage:

Do not store together with acids and strong oxidation agents.

Keep away from food, drink and animal feedingstuffs.

Further details:

Do not allow the product to enter the ground.

## 8. Exposure controls / personal protection

### Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-56-1	Methanol	USA: ACGIH: STEL	328 mg/m <sup>3</sup> ; 250 ppm (May be absorbed through the skin.)
		USA: ACGIH: TWA	262 mg/m <sup>3</sup> ; 200 ppm (May be absorbed through the skin.)
		USA: NIOSH: STEL	325 mg/m <sup>3</sup> ; 250 ppm (May be absorbed through the skin.)
		USA: NIOSH: TWA	260 mg/m <sup>3</sup> ; 200 ppm (May be absorbed through the skin.)
		USA: OSHA: TWA	260 mg/m <sup>3</sup> ; 200 ppm

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-56-1	Methanol	USA: ACGIH-BEI, urine	15 mg/L	Methanol	end of exposure or end of shift

### Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.



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Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

General hygiene considerations:

Take off contaminated clothing. Avoid contact with the substance.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Form: pasty Color: gray
Odor:	characteristic
Odor threshold:	not determined
pH value:	not determined
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	not applicable
Flash point/flash point range:	> 212 °F
Evaporation rate:	no data available
Flammability:	no data available
Explosion limits:	LEL (Lower Explosion Limit): 0.10 Vol-% UEL (Upper Explosive Limit): 0.20 Vol-%
Vapor pressure:	not determined
Vapor density:	no data available
Density:	at 68 °F: not determined 1.41 g/cm³
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	not determined
Thermal decomposition:	no data available
Viscosity, dynamic:	not determined
Ignition temperature:	788 °F

## 10. Stability and reactivity

Reactivity: Reactions with acids and strong oxidizing agents.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions  
With exposure to moisture, product will release methanol.

Conditions to avoid: Protect from moisture contamination.  
Protect from frost, heat and sunlight.

Incompatible materials: Strong oxidizing agents, strong acids. Water

Hazardous decomposition products:  
May form dangerous gases and vapours in case of fire.  
In case of fire may be liberated: Methanol, carbon monoxide and carbon dioxide.

Thermal decomposition: no data available



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Page:

5 of 7

## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Other information: With exposure to moisture, product will release methanol.  
Further hazardous properties cannot be excluded.

## 12. Ecological information

### Ecotoxicity

Further details: no data available

### Mobility in soil

no data available

### Persistence and degradability

Further details: no data available

### Additional ecological information

Volatile organic compounds (VOC):

0.02 % by weight = 0.3 g/L

General information: Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### Product

Recommendation: Dispose of waste according to applicable legislation.

### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.  
Non-contaminated packages may be recycled.



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Date of print: Feb/26/2016

Page:

6 of 7

## 14. Transport information

### USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

### Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

### Air transport (IATA)

Proper shipping name: Not restricted

### Further information

No dangerous good in sense of these transport regulations.

## 15. Regulatory information

### National regulations - U.S. Federal Regulations

Methanol:  
TSCA Inventory: listed  
TSCA HPVC: not listed  
Clean Air Act:  
Hazardous Air Pollutants: Code XOV  
SOCMI Chemical: yes  
Other Environmental Laws:  
CERCLA: RQ 5000 lbs.  
RCRA Hazardous Wastes: Code U154  
SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard  
NIOSH Recommendations:  
Occupational Health Guideline: 0397

### National regulations - U.S. State Regulations

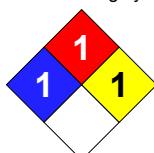
Methanol:  
California Proposition 65 code: -  
Delaware Air Quality Management List:  
DRQ: 5000 - RQ State: Federal Regulations Apply  
Idaho Air Pollutant List:  
Title 585: AAC: 13 - EL: 17,3 - OEL: 260 - Title 586: -  
Main Hazardous Air Pollutants:  
Me 2005: HAP - Hap Rpt: 2000  
Massachusetts Haz. Substance codes: 2,4,5,6 F8 F9  
Minnesota Haz. Substance:  
Codes: ANO - Ratings: 7,5 - Status: Air Pollutant Title III. TRI.  
New Jersey RTK Hazardous Substance:  
DOT: 1230 - Sub No.: 1222 - TPQ: -  
New York List of Hazardous Substances:  
RQ-Air: 5000 - RQ-Land: 1 - Note: No Note Associated with this chemical.  
Pennsylvania Haz. Substance code: E  
Washington Air Contaminant:  
TWA: 200 ppm - 260 mg - STEL: 250 ppm - 325 mg  
Skin: Protective measures should be taken to prevent or reduce skin absorption.  
California Proposition 65: developmental  
Rhode Island HSL: listed

### National regulations - Great Britain

Hazchem-Code: -

## 16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 1 (Slight)

Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 1 (Slight)

Personal Protection: X = Consult your supervisor

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	1

X

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**Department issuing data sheet**

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.