

**01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product trade name WEICONLOCK AN 302-50
Product code 302500
Chemical family Anaerobic adhesive / sealant
Product use 1-Component Adhesives and Sealants, anaerobic curing
Manufacturer Weicon GmbH & Co. KG
Königsberger Straße 255,
D-48157 Münster
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Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier WEICON Inc.
20 Steckle Place, Unit 20
Kitchener, Ontario N2E 2C3
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Emergency advice 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

02 HAZARDS IDENTIFICATION

Emergency overview CAUTION: Irritant.
Potential Health Effects Irritant to eyes, skin and respiratory system. May cause sensitization by skin contact.
Routes of entry Skin and eye contact and inhalation
Carcinogenicity NTP:No IARC:No OSHA:No
WHMIS Classification

Class D2B

**03 COMPOSITION / INFORMATION ON INGREDIENTS**

| Component | CAS# | % by wt. |
|---|----------|----------|
| Monoalkyl or monoaryl or monoalkylaryl esters of methacrylic acid with the exception of those specified elsewhere in this Annex | | >10 |
| 2-hydroxyethyl methacrylate | 868-77-9 | 1 - 19 |
| Cumene hydroperoxide | 80-15-9 | 1 |



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Revision

02.02.2013 (Can) Version 5.1

WEICONLOCK AN 302-50

Methyl acrylic acid ester with 1,2-propanediol

27813-02-1

1 - 19

04 FIRST AID MEASURES

| | |
|-------------------|---|
| Skin | Remove contaminated clothing immediately. In case of contact with skin wash off with soap and water. Consult a doctor if irritation persists. |
| Eyes | Wash eyes immediately with large amounts of water for about 15 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs. |
| Ingestion | If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately and show the doctor the packaging or label. |
| Inhalation | In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately. |

05 FIRE AND EXPLOSION DATA

| | |
|--|---|
| Flash point | >100 °C |
| Extinguishing media | Foam, dry powder, carbon dioxide, sand, water spray jet |
| Extinguishing media not to be used for safety reasons | None to mention |
| Special hazards during fire fighting | Do not inhale fire combustion gases or smoke. |
| Hazardous combustion products | Emits toxic fumes under fire conditions |
| Special fire-fighting procedures | Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Collect contaminated fire fighting water separately; must not be discharged into drains. |

06 ACCIDENTAL RELEASE MEASURES

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| Spill and leak procedures | Wear appropriate personal protective equipment. Pick up using inert absorbents and place in suitable containers for disposal. |
| Pollution control measures | Do not allow untreated product into drains, surface or ground water. Do not discharge into subsoil/soil. |

07 HANDLING AND STORAGE

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|-----------------|---|
| Handling | Take the usual precautions for handling chemicals. If necessary, ensure proper local exhaust ventilation. |
| Storage | Keep cool. Protect from direct solar radiation. Store only in original container at a temperature of 28 °C maximum (= 80 °F). |



08 EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|--|---|
| Skin protection | Use protective clothing to prevent skin contact. Wear butyl rubber gloves; 0.7mm; 480 min.; 60 min. In cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves. |
| Eye protection | Use of safety glasses with side shields is recommended. |
| Respiratory protection | Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation. |
| General Protection and Hygiene measures | Do not inhale gases/vapors/aerosols. Avoid contact with eyes and skin. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work. Remove soiled or soaked clothing immediately. |

09 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|--------------------------------------|----------------------|-------------------|
| Physical state | various | Physical form | various |
| Color | various | Odor | Hardly noticeable |
| pH | 4 – 6, 20 °C | | |
| Flashpoint | >100 °C, DIN/ISO 2592 | | |
| Autoignition | > 380 °C | | |
| Vapor pressure | <0.5 hPa, 20 °C, DIN 51616 | | |
| Density | 1 - 1.1 g/ml, 20 °C, DIN 51757 | | |
| Solubility in water | Practically insoluble | | |
| Viscosity 1 dynamic | 10 - 100000 mPas, 25 °C (Brookfield) | | |

10 STABILITY AND REACTIVITY

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|---|--|
| Chemical stability | Stable, no decomposition occurs if used as directed. |
| Hazardous decomposition products | Carbon monoxide and carbon dioxide. Toxic gases/vapors. |
| Polymerization | Polymerization can occur at temperatures exceeding 100 °C. |
| Incompatibilities | Keep away from heat. Reacts with metals, strong acids, alkalis and oxidizing agents. |

11 TOXICOLOGICAL INFORMATION

| | |
|---------------------------|-------------------|
| Acute oral LD50 | >5000 mg/kg (rat) |
| Skin irritation | Irritant |
| Eye irritation | Irritant |
| Skin sensitization | sensitizing |



12 ECOLOGICAL INFORMATION

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|---------------------------------|---|
| Biological degradability | Not determined |
| Additional information | Do not discharge product into the environment. Do not release into the aquatic environment. |

13 DISPOSAL CONSIDERATIONS

| | |
|-------------------------|--|
| Product disposal | Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors. |
|-------------------------|--|

14 TRANSPORT INFORMATION

| | |
|--------------------------------|---------------|
| TDG / DOT shipping name | Not regulated |
| Marine transport IMDG | Not regulated |
| Air transport ICAO/IATA | Not regulated |

15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

| | |
|----------------------------|--|
| USA TSCA status | All of the components are on the TSCA Inventory. |
| Canadian DSL status | All of the components are listed on the DSL Inventory. |
| SARA Title III | To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372. |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

16 OTHER INFORMATION

| | |
|----------------------------|---|
| Further information | Federal and local chemical regulations should be observed. |
| WHMIS HAZCOM Label | IRRITANT TO SKIN, EYES AND RESPIRATORY SYSTEM. MAY CAUSE SENSITIZATION BY SKIN CONTACT. |

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.