



# SAFETY DATA SHEET

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

## WEICONLOCK AN 305-77

Material number 305770

Revision date: Aug/5/2016

Version: 3

Language: en-US

Date of print: Aug/11/2016

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## 1. Product and company identification

### Product identifier

Trade name: WEICONLOCK AN 305-77

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

General use: One-component adhesive and sealing agent, anaerobic curing  
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

### Emergency phone number

**EMERGENCY CONTACT – USA (24h): Tel: ++1 202 464 2554**

**Transport:**

**TRANSPORT EMERGENCY CONTACT - USA (24h): Tel: ++1 202 464 2554**

## 2. Hazards identification

### Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid  
Color: yellowish  
Odor: slightly perceptible  
Classification: Specific Target Organ Toxicity (Single Exposure) - Category 3;  
Hazard symbols:



Signal word:

**Warning**

Hazard statements:

May cause respiratory irritation.

Precautionary statements:

Keep out of reach of children.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Do not get in eyes, on skin, or on clothing.  
Use only outdoors or in a well-ventilated area.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor if you feel unwell.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container to hazardous or special waste collection point.

### Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.



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### Hazards not otherwise classified

see section 11: Toxicological information

## 3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 81-07-2	1,2-Benzisothiazol-3(2H)-one 1,1-dioxide	< 5 %	not applicable
CAS 67762-90-7	Siloxanes and Silicones, di-Methyl, reaction products with silica	< 5 %	not applicable
CAS 80-15-9	Cumene hydroperoxide	0.1 - 1 %	Organic Peroxide - Category E. Acute Toxicity - oral - Category 4. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 3. Skin Corrosion - Category 1B. Specific Target Organ Toxicity (Repeated Exposure) - Category 2. Aquatic toxicity - chronic - Category 2.

Additional information: Anaerobic sealants and adhesives

## 4. First aid measures

In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. If breathing has stopped, give artificial respiration immediately. Seek medical attention.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. Change contaminated clothing. Consult a doctor if skin irritation persists.
After eye contact:	Keep eye wide open. Subsequently seek the immediate attention of an ophthalmologist. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Do not attempt to pull apart bonded eyelid.
After swallowing:	Do not induce vomiting. Give water to drink in small sips. Seek medical attention. Never give anything by mouth to an unconscious person.

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

May cause respiratory irritation.

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

> 212 °F

Auto-ignition temperature: No data available

Suitable extinguishing media:

Water fog, dry chemical powder, Sand, alcohol resistant foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

### Specific hazards arising from the chemical

May form dangerous gases and vapours in case of fire.  
Carbon monoxide and carbon dioxide.



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Protective equipment and precautions for firefighters:

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

Additional information:

In case of fire and/or explosion do not breathe fumes. Cool exposed containers with water spray.

## 6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.  
Do not breathe vapors. Provide adequate ventilation.  
Wear appropriate protective equipment. Keep away from sources of ignition.

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.

## 7. Handling and storage

### Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not breathe vapors. Avoid contact with skin and eyes. Wear appropriate protective equipment. Change contaminated clothing.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

### Storage

Requirements for storerooms and containers:

Keep only in the original container. Recommended storage temperature: 5-25 °C  
Keep container tightly closed in a cool, well-ventilated place.  
Protect from heat and direct sunlight.

Hints on joint storage:

Do not store together with acids/alkalies and oxidation agents. Do not store together with reducing agents or metals.  
Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls / personal protection

### Engineering controls

Provide adequate ventilation, and local exhaust as needed.  
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.  
Glove material: Fluororubber (Viton) - Layer thickness: 0.7 mm  
Breakthrough time: >480 min.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection:

When vapors form, use respiratory protection.  
The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.



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### General hygiene considerations:

Avoid contact with skin and eyes. Change contaminated clothing.  
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:	Physical state at 68 °F and 101.3 kPa: liquid Color: yellowish
Odor:	slightly perceptible
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	> 212 °F
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1.1 g/mL
Solubility:	partially miscible (Acetone)
Water solubility:	at 68 °F: insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No decomposition when used properly.
Viscosity, dynamic:	approx. 55000 mPa*s (thixotropic)

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	In case of > 212 °F: Polymerisation. Reacts with: metals, strong oxidizing agents, reducing agent, Alkali (lye) and acids.
Conditions to avoid:	Protect from heat and direct sunlight.
Incompatible materials:	Metals, metal salts Strong oxidizing agents and reducing agent Acids and Alkali (lye), concentrated.
Hazardous decomposition products:	Toxic gases/vapours, carbon monoxide and carbon dioxide.
Thermal decomposition:	No decomposition when used properly.



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## 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): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

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

Eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause respiratory irritation.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

### Symptoms

Lengthy or repeated contact may cause skin irritation.

## 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):

approx. 5 % by weight = 1.5 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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### 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

1,2-Benzisothiazol-3(2H)-one 1,1-dioxide: TSCA Inventory: listed  
TSCA HPVC: not listed  
Carcinogen Status:  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed  
Other Environmental Laws:  
CERCLA: RQ 100 lbs.  
RCRA Hazardous Wastes: Code U202  
SARA Title III Section 313, Toxic Release: Conc. 0.1% /  
Threshold Standard

Siloxanes and Silicones, di-Methyl,  
reaction products with silica: TSCA Inventory: listed; UVCB; EPA flags XU  
TSCA HPVC: not listed

Cumene hydroperoxide: TSCA Inventory: listed  
TSCA HPVC: not listed  
Clean Air Act:  
SOCMI Chemical: yes  
Other Environmental Laws:  
CERCLA: RQ 10 lbs.  
RCRA Hazardous Wastes: Code U096  
SARA Title III Section 313, Toxic Release: Conc. 1.0% /  
Threshold Standard  
OSHA Process Safety Management: Threshold 5000 lbs.

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

California Proposition 65: Not listed.

#### National regulations - Great Britain

Hazchem-Code: -

### 16. Other information

Text for labeling: Contains < 5 % 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, < 5 % Siloxanes and Silicones, di-Methyl, reaction products with silica, 0.1 - 1 % Cumene hydroperoxide. Safety data sheet available on request.



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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	1
FLAMMABILITY	1
PHYSICAL HAZARD	1
	X

Reason of change:

Changes in section 1: General revision

Date of first version:

Jan/13/2016

### 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.