



# SAFETY DATA SHEET

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

Revision date: Jul/18/2017

Version: 1

Language: en-US

Date of print: Jul/25/2017

## WEICONLOCK AN 305-10

Material number 305100

Page: 1 of 9

### 1. Product and company identification

#### Product identifier

Trade name: WEICONLOCK AN 305-10

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

General use: One-component adhesive and sealing agent, anaerobic curing.  
For commercial user only.

#### 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: Form: pasty  
Color: orange  
Odor: acidic  
Classification: Skin Irritation - Category 2; Eye Damage - Category 1; Sensitization - skin - Category 1; Specific Target Organ Toxicity (Single Exposure) - Category 3; Specific Target Organ Toxicity (Repeated Exposure) - Category 2;

Hazard symbols:



Signal word:

**Danger**

Hazard statements:

Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause respiratory irritation.  
May cause damage to organs through prolonged or repeated exposure.



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## WEICONLOCK AN 305-10

Material number 305100

Revision date: Jul/18/2017

Version: 1

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Date of print: Jul/25/2017

Page: 2 of 9

Precautionary statements: Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash hands and face thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 IF ON SKIN: Wash with plenty of water/soap.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER/doctor.  
 Specific treatment (see 'First aid' on this label).  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.  
 Wash contaminated clothing before reuse.  
 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.

### Hazards not otherwise classified

Special danger of slipping by leaking/spilling product.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 3006-93-7	1,1'-(1,3-Phenylene)bis-1H-pyrrole-2,5-dione	5 - 10 %	Acute Toxicity - inhalative - Category 2. Skin Irritation - Category 2. Eye Damage - Category 1. Sensitization - skin - Category 1. Aquatic toxicity - chronic - Category 3.
CAS 80-15-9	Cumene hydroperoxide	1 - 5 %	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.
CAS 81-07-2	1,2-Benzisothiazol-3(2H)-one 1,1-dioxide	1 - 5 %	not applicable
CAS 67762-90-7	Siloxanes and Silicones, di-Methyl, reaction products with silica	1 - 5 %	not applicable

## 4. First aid measures

General information: If medical advice is needed, have product container or label at hand.  
First aider: Pay attention to self-protection!

In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention if irritation persists.



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## WEICONLOCK AN 305-10

Material number 305100

Revision date: Jul/18/2017

Version: 1

Language: en-US

Date of print: Jul/25/2017

Page: 3 of 9

- Following skin contact: Take off immediately all contaminated clothing and wash it before reuse. After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently seek the immediate attention of an ophthalmologist.
- After swallowing: Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Immediately get medical attention. Never give anything by mouth to an unconscious person.

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

May cause respiratory irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause damage to organs through prolonged or repeated exposure.  
vomiting, respiratory complaints

### Information to physician

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours. Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

> 212 °F

Auto-ignition temperature: No data available

Suitable extinguishing media:

Alcohol resistant foam, dry chemical powder, sand, 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.  
Furthermore, there may develop: carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Cool exposed containers with water spray.  
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
Do not allow water used to extinguish fire to enter drains, ground or waterways.  
Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

## 6. Accidental release measures

Personal precautions:

Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with the substance. If possible, eliminate leakage. Provide adequate ventilation.  
Wear appropriate protective equipment. Keep unprotected people away.  
Take off immediately all contaminated clothing and wash it before reuse.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains.  
If necessary notify appropriate authorities.



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

Revision date: Jul/18/2017

Version: 1

Language: en-US

Date of print: Jul/25/2017

## WEICONLOCK AN 305-10

Material number 305100

Page:

4 of 9

Methods for clean-up: Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Thoroughly clean surrounding area.

Additional information: Special danger of slipping by leaking/spilling product.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off immediately all contaminated clothing and wash it before reuse. When handling large quantities, supply emergency spray.

Precautions against fire and explosion:

Keep away from heat.

When handling larger quantities, take precautionary measures against electrostatic charging.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place. Protect from frost.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight.

Storage temperature: 41 °F up to 77 °F

Store containers in upright position.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

Do not store together with: strong oxidizing agents, reducing agents, metals.

Keep away from water.

## 8. Exposure controls / personal protection

### 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.

Glove material: Fluororubber (Viton)

Layer thickness:  $\geq 0.7$  mm

Breakthrough time:  $> 60$  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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in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

## WEICONLOCK AN 305-10

Material number 305100

Revision date: Jul/18/2017

Version: 1

Language: en-US

Date of print: Jul/25/2017

Page: 5 of 9

### General hygiene considerations:

Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.  
Take off immediately all contaminated clothing and wash it before reuse.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
When handling large quantities, supply emergency spray.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Form: pasty Color: orange
Odor:	acidic
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:	at 68 °F: 1.1 g/mL
Solubility:	partially miscible (Acetone)
Water solubility:	at 68 °F: practically insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No decomposition when used properly.
Viscosity, dynamic:	225000 mPa*s (thixotropic)
Explosive properties:	not determined

## 10. Stability and reactivity

Reactivity:	Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reactions with oxidizing agents, reducing agents, metals, metal salts.
Conditions to avoid:	Keep away from heat sources, sparks and open flames. Protect against direct sunlight. Humidity
Incompatible materials:	Strong oxidizing agents, reducing agents, metals, metal salts, water.
Hazardous decomposition products:	Toxic gases/vapours. Carbon monoxide and carbon dioxide.
Thermal decomposition:	No decomposition when used properly.



# SAFETY DATA SHEET

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

## WEICONLOCK AN 305-10

Material number 305100

Revision date: Jul/18/2017  
Version: 1  
Language: en-US  
Date of print: Jul/25/2017

Page: 6 of 9

## 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. ATEmix calculated: > 2000 mg/kg  
Acute toxicity (dermal): Based on available data, the classification criteria are not met. ATEmix calculated: > 2000 mg/kg  
Acute toxicity (inhalative): Based on available data, the classification criteria are not met. ATEmix calculated: > 20 mg/L (Vapor)  
Skin corrosion/irritation: Skin Irritation - Category 2 = Causes skin irritation.  
Eye damage/irritation: Eye Damage - Category 1 = Causes serious eye damage.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Sensitization - skin - Category 1 = May cause an allergic skin reaction.  
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): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause respiratory irritation.  
Specific target organ toxicity (repeated exposure): Specific Target Organ Toxicity (Repeated Exposure) - Category 2 = May cause damage to organs through prolonged or repeated exposure.  
Aspiration hazard: Lack of data.

Other information: Information about 1,1'-(1,3-Phenylene)bis-1H-pyrrole-2,5-dione:  
LD50 Rat, oral: 1370 mg/kg  
LC50 Rat, inhalative: 0.11 - 0.19 mg/L/4h (Dusts/Aerosol)  
Information about Cumene hydroperoxide:  
LD50 Rat, oral: 382 mg/kg  
LD50 Rabbit, dermal: 134 mg/kg  
For carcinogenic effects  
Information about methyl methacrylate and 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide:  
IARC-Classification code: group 3  
OSHA - Carcinogen: not listed ingredient  
NTP - classification: not listed ingredient

### Symptoms

In case of inhalation: Respiratory complaints

### General remarks

Further hazardous properties cannot be excluded.

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Mobility in soil

No data available



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Material number 305100

Revision date: Jul/18/2017

Version: 1

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Page: 7 of 9

### Persistence and degradability

Further details: No data available

### Additional ecological information

Volatile organic compounds (VOC):

approx. 5 % by weight = 2 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.  
Do not dispose of with household waste.

### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.  
Handle contaminated packages in the same way as the substance itself.

## 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.



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Date of print: Jul/25/2017

## WEICONLOCK AN 305-10

Material number 305100

Page: 8 of 9

### 15. Regulatory information

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

1,1'-(1,3-Phenylene)bis-1H-pyrrole-2,5-dione:

TSCA Inventory: listed  
TSCA HPVC: not listed  
This product is hazardous under the criteria of Federal OSHA Hazard Communication Standard 29 CFR 1910.1200

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.

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

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

Cumene hydroperoxide:

California Proposition 65 code: -  
Delaware Air Quality Management List:  
DRQ: 10 - RQ State: Federal Regulations Apply  
Massachusetts Haz. Substance codes: 5,6 F8 F9  
New Jersey Extraordinarily Hazardous Substances:  
NJ Threshold: 2500 - NJ Group: I - NJ Table: I Part D - NJ Basis: NFPA 325  
New Jersey RTK Hazardous Substance:  
DOT: 2116 - Sub No.: 0543 - TPQ: -  
New York List of Hazardous Substances:  
RQ-Air: 10 - RQ-Land: 10 - Note: No Note Associated with this chemical.  
Pennsylvania Haz. Substance code: E

#### National regulations - Great Britain

Hazchem-Code: -

### 16. Other information

Text for labeling:

Contains 5 - 10 % 1,1'-(1,3-Phenylene)bis-1H-pyrrole-2,5-dione, 1 - 5 % Cumene hydroperoxide, 1 - 5 % 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, 1 - 5 % Siloxanes and Silicones, di-Methyl, reaction products with silica. Safety data sheet available on request.





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## WEICONLOCK AN 305-10

Material number 305100

Page: 9 of 9

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Date of first version: Jul/18/2017

### 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.