

## 1. Product and company identification

### Product identifier

Trade name: WEICONLOCK AN 306-30

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

General use: One-component adhesive, anaerobic curing

### 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: Physical state at 68 °F and 101.3 kPa: liquid

Form: liquid

Color: green

Odor: weak

Classification: Skin Irritation - Category 2; Eye Irritation - Category 2A; Sensitization - skin - Category 1; Specific Target Organ Toxicity (Single Exposure) - Category 3;

Hazard symbols:



Signal word:

**Warning**

Hazard statements:

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.



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

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Precautionary statements: Avoid breathing 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.  
Call a POISON CENTER/doctor if you feel unwell.  
Specific treatment (see 'First aid' on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash it 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

see section 11: Toxicological information



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### 3. Composition / Information on ingredients

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 40220-08-4	(2,4,6-Trioxo-1,3,5-triazine-1,3,5-(2H,4H,6H)-triyl)tri-2,1-ethanediyl triacrylate	10 - 30 %	Skin Irritation - Category 2. Eye Irritation - Category 2A.
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
CAS 868-77-9	2-Hydroxyethyl methacrylate	1 - 5 %	Skin Irritation - Category 2. Eye Irritation - Category 2A. Sensitization - skin - Category 1.
CAS 79-10-7	Acrylic acid	1 - 3 %	Flammable Liquid - Category 3. Acute Toxicity - oral - Category 4. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 4. Skin Corrosion - Category 1A. Aquatic toxicity - acute - Category 1.
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.

### 4. First aid measures

General information: First aider: Pay attention to self-protection!

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. Seek medical attention. Do not peel solidified product off the skin.

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: Never give anything by mouth to an unconscious person. Immediately get medical attention. Do not induce vomiting. Give water to drink in small sips.

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

- May cause respiratory irritation.
- Causes skin irritation.
- Causes serious eye irritation.
- May cause an allergic skin reaction.



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### 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:

Dry chemical powder, sand, alcohol resistant foam, carbon dioxide, water fog.

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.

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. Take off contaminated clothing and wash it before reuse.  
Do not breathe vapor or spray. Provide adequate ventilation.  
Wear protective equipment. Keep unprotected people away.

Environmental precautions: Do not allow to enter into ground-water, surface water 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.

Additional information: Keep away from sources of ignition.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed.  
Do not breathe vapor. Wear protective equipment.  
Avoid contact with skin, eyes, and clothing.  
Take off contaminated clothing and wash it before reuse.

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.  
Storage temperature: 41 °F up to 77 °F

Hints on joint storage: Do not store together with: Oxidizing agents, reducing agent, metals, metal salts  
Keep away from food, drink and animal feedingstuffs.



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## 8. Exposure controls / personal protection

### Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
79-10-7	Acrylic acid	USA: ACGIH: TWA	5.9 mg/m <sup>3</sup> ; 2 ppm (May be absorbed through the skin.)
		USA: NIOSH: TWA	6 mg/m <sup>3</sup> ; 2 ppm (May be absorbed through the skin.)

### 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).

Breakthrough time: >480 min.

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

Respiratory protection: The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

General hygiene considerations:

Change contaminated clothing. Avoid contact with the substance.

Eye wash facility must be provided.

Wash hands before breaks and after work.

When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance: Physical state at 68 °F and 101.3 kPa: liquid

Form: liquid

Color: green

Odor: weak

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: approx. 1.1 g/mL



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Solubility: in acetone: partially miscible

Water solubility: insoluble

Partition coefficient: n-octanol/water: no data available

Auto-ignition temperature: no data available

Thermal decomposition: no data available

Viscosity, dynamic: approx. 4000 mPa\*s

## 10. Stability and reactivity

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions Reacts with: oxidizing agents, reducing agent, Metals, metal salts

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

Incompatible materials: Do not store together with: Oxidizing agents, reducing agent, metals, metal salts

Hazardous decomposition products: Toxic gases/vapours, carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

## 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: Skin Irritation - Category 2 = Causes skin irritation.

Eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.

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

Skin sensitisation: Sensitization - skin -  
Category 1 = May cause an allergic skin reaction.

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.



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## 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

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.

## 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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## 15. Regulatory information

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

(2,4,6-Trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triy)tri-2,1-ethanediyl triacrylate:	TSCA Inventory: listed; EPA flags P TSCA HPVC: not listed
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 Star
Siloxanes and Silicones, di-Methyl, reaction products with silica:	TSCA Inventory: listed; UVCB; EPA flags XU TSCA HPVC: not listed
2-Hydroxyethyl methacrylate:	TSCA Inventory: listed TSCA HPVC: not listed
Acrylic acid:	TSCA Inventory: listed TSCA HPVC: not listed Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed Clean Air Act: Hazardous Air Pollutants: Code XOV SOCMI Chemical: yes Other Environmental Laws: CERCLA: RQ 5000 lbs. RCRA Hazardous Wastes: Code U008 SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Star
Cumene hydroperoxide:	NIOSH Recommendations: Occupational Health Guideline: 0013 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 Star OSHA Process Safety Management: Threshold 5000 lbs.

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

Acrylic acid:

California Proposition 65 code: -  
 Delaware Air Quality Management List:  
 DRQ: 5000 - RQ State: Federal Regulations Apply  
 Idaho Air Pollutant List:  
 Title 585: AAC: 1.5 - EL: 2 - OEL: 30 - Title 586: -  
 Maine Hazardous Air Pollutants:  
 HAP: 200 lbs.  
 Massachusetts Haz. Substance codes: 4,5,6 F8 F9  
 Minnesota Haz. Substance:  
 Codes: A - Ratings: 11.74 - Status: Air Pollutant Title III. TRI.  
 New Jersey RTK Hazardous Substance:  
 DOT: 2218 - Sub No.: 0023 - TPQ: -  
 New York List of Hazardous Substances:  
 RQ-Air: 5000 - RQ-Land: 10 - Note: No Note Associated with this chemical  
 Pennsylvania Haz. Substance code: E  
 Washington Air Contaminant:  
 TWA: 10 ppm - 30 mg  
 Skin: Protective measures should be taken to prevent or reduce skin absorption.

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: NFF  
 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**

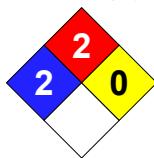
Hazchem-Code: -

**16. Other information**

Text for labeling:

Contains 10 - 30 % (2,4,6-Trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triy)tri-2,1-ethanediyil triacrylate, 1 - 5 % 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, 1 - 5 % Siloxanes and Silicones, di-Methyl, reaction products with silica, 1 - 5 % 2-Hydroxyethyl methacrylate, 1 - 3 % Acrylic acid, 0.1 - 1 % Cumene hydroperoxide. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)  
 Fire: 2 (Moderate)  
 Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 2 (Moderate)  
 Flammability: 2 (Moderate)  
 Physical Hazard: 0 (Minimal)  
 Personal Protection: X = Consult your supervisor

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	2
PHYSICAL HAZARD	<input type="checkbox"/>	0

Reason of change:

Changes in section 3: Composition / Information on ingredients

Date of first version:

Sep/14/2015

**Department issuing data sheet**

Contact person:

see section 1: Dept. responsible for information



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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.