



# SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

## WEICONLOCK AN 301-65

Material number 301650

Revision date: 5/Aug/2016

Version: 2

Language: en-CA,US

Date of print: 11/Aug/2016

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## 1. Product and company identification

### Product identifier

Trade name: WEICONLOCK AN 301-65

### 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 – Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

**Transport:**

**TRANSPORT EMERGENCY CONTACT - Canada (24h): Tel: ++1 866 928 0789 (Toll free)**

## 2. Hazards identification

### Emergency overview

Appearance: Physical state at 20 °C and 101.3 kPa: liquid  
Form: viscous  
Color: white  
Odor: weak  
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

Special danger of slipping by leaking/spilling product.  
In case of prolonged or frequent exposure skin and eye irritation may occur.  
see section 11: Toxicological information



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### 3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 106-51-4	p-Benzoquinone	< 0.1 %	Acute Toxicity 3 (oral). Acute Toxicity 3 (inhalative). Skin Irritation 2. Eye Irritation 2A. Specific Target Organ Toxicity (Single Exposure) 3. Aquatic toxicity - acute 1.

### 4. First aid measures

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. Change contaminated clothing. Do not peel solidified product off the skin.
After eye contact:	Keep eye wide open. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Do not attempt to pull apart bonded eyelid. Subsequently consult an ophthalmologist.
After swallowing:	Never give anything by mouth to an unconscious person. Do not induce vomiting. Give water to drink in small sips. Seek medical aid in case of troubles.

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

In case of prolonged or frequent exposure skin and eye irritation may occur.

#### Information to physician

Treat symptomatically.

### 5. Fire fighting measures

Flash point/flash point range:

> 100 °C

Auto-ignition temperature: not self-igniting

Suitable extinguishing media:

Extinguishing is to be in accordance with the surrounding fire.

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.

In case of fire may be liberated: Nitrogen oxides (NO<sub>x</sub>), 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 vapor or spray. Provide adequate ventilation.  
Wear appropriate protective equipment.  
Keep away from sources of ignition.



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### 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.

### 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 vapor. Wear appropriate protective equipment.

Avoid contact with skin, eyes, and 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: Strong oxidizing agents, strong reducing agents, strong acids, strong alkalis.

Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls / personal protection

### Exposure guidelines

#### Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
106-51-4	p-Benzoquinone	Canada, Alberta: OEL 8 hour	0.4 mg/m <sup>3</sup> ; 0.1 ppm
		Canada, BC: OEL TWA	0.1 ppm
		Canada, Québec: VEMP	0.44 mg/m <sup>3</sup> ; 0.1 ppm
		USA: ACGIH: TWA	0.44 mg/m <sup>3</sup> ; 0.1 ppm
		USA: NIOSH: TWA	0.4 mg/m <sup>3</sup> ; 0.1 ppm
		USA: OSHA: TWA	0.4 mg/m <sup>3</sup> ; 0.1 ppm

### Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Use only explosion-proof 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: Nitrile rubber - Layer thickness: 0.4 mm

Breakthrough time: 480 min.

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

#### Respiratory protection:

When vapors form, use respiratory protection. Wear a dust mask, in case of excessive dust.

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:

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.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Form: viscous Color: white
Odor:	weak
Odor threshold:	not determined
pH value:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Flash point/flash point range:	> 100 °C
Evaporation rate:	not determined
Flammability:	No data available
Explosion limits:	LEL (Lower Explosion Limit): not determined UEL (Upper Explosive Limit): not determined
Vapor pressure:	not determined
Vapor density:	not determined
Density:	at 25 °C: 1 g/mL
Solubility:	not determined
Water solubility:	at 20 °C: not/slightly miscible
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	No data available
Viscosity, dynamic:	at 25 °C: 15000 - 20000 mPa*s (Brookfield 6/20)
Explosive properties:	Product is not explosive.
Ignition temperature:	not determined

## 10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with: Metal salts.
Conditions to avoid:	Protect from moisture contamination. Avoid open flames. Protect from frost, heat and sunlight.
Incompatible materials:	Metals, metal salts.
Hazardous decomposition products:	May form dangerous gases and vapours in case of fire. In case of fire may be liberated: Nitrogen oxides (NOx), carbon monoxide and carbon dioxide.
Thermal decomposition:	No data available



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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): Lack of data.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Lack of data.  
Minor irritation effect - does not require labeling.  
Eye damage/irritation: Lack of data.  
Minor irritation effect - does not require labeling.  
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: Information about p-Benzoquinone:  
LD50 Rat, oral: 130 mg/kg  
For carcinogenic effects:  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed

## 12. Ecological information

### Ecotoxicity

Aquatic toxicity: Fish toxicity:  
LC50: 0.045 mg/L/96h

### Mobility in soil

No data available

### Persistence and degradability

Further details: No data available

### Additional ecological information

Volatile organic compounds (VOC):

0 % by weight

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.



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### 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

### Canada: Transportation of Dangerous Goods (TDG)

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 - Canada

No data available

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

p-Benzoquinone: 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 10 lbs.  
RCRA Hazardous Wastes: Code U197  
SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard  
NIOSH Recommendations:  
Occupational Health Guideline: 0542

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

California Proposition 65: Not listed.



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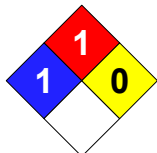
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### 16. Other information

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

Reason of change: Changes in section 1: General revision

Date of first version: 11/Feb/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.