



# SAFETY DATA SHEET

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

Revision date: Jan/2/2017

Version: 4

Language: en-US

Date of print: Jan/10/2017

## Sealant and Adhesive Remover, Spray, New

Material number 112024

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### 1. Product and company identification

#### Product identifier

Trade name: Sealant and Adhesive Remover, Spray, New

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

General use: Technical aerosol

#### 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

Form: Aerosol

Color: pink

Odor: like acetone

Classification: Flammable Aerosol - Category 1; Compressed Gas; Eye Irritation - Category 2A; Specific Target Organ Toxicity (Single Exposure) - Category 3;

Hazard symbols:



Signal word:

**Danger**

Hazard statements:

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.



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Precautionary statements: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Do not spray on an open flame or other ignition source.  
 Do not pierce or burn, even after use.  
 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Wash hands and face thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 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.  
 If eye irritation persists: Get medical advice/attention.  
 Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.  
 Protect from sunlight. Store in a well-ventilated place.  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 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

Potentially explosive mixtures may form if adequate ventilation is not provided.  
 Inhaling can lead to irritations of the respiratory tract and mucous membrane.  
 Higher doses may have a narcotic effect.  
 see section 11: Toxicological information

## 3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 67-64-1	Acetone	25 - 50 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 108-94-1	Cyclohexanone	2.5 - 10 %	Flammable Liquid - Category 3. Acute Toxicity - inhalative - Category 4.
CAS 112-34-5	2-(2-Butoxyethoxy) ethanol	2.5 - 10 %	Eye Irritation - Category 2A.
CAS 115-10-6	Dimethyl ether	25 - 50 %	Flammable Gas - Category 1. Liquefied Gas.
CAS 123-86-4	n-Butyl acetate	10 - 20 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 107-98-2	1-Methoxy-2-propanol	2.5 - 10 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3.



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### 4. First aid measures

- General information: First aider: Pay attention to self-protection!  
Immediately remove any wetted clothing, shoes or stockings.
- In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing.  
Seek medical attention.
- Following skin contact: Immediately clean with water and soap followed by thorough rinsing.  
Seek medical attention.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.
- After swallowing: Seek medical attention. Do not induce vomiting.

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

May cause drowsiness or dizziness. Causes serious eye irritation. Inhalation causes narcotic effects/intoxication. Further hazardous properties cannot be excluded.

#### Information to physician

Treat symptomatically.

### 5. Fire fighting measures

- Flash point/flash point range: not applicable
- Auto-ignition temperature: No data available
- Suitable extinguishing media: Alcohol resistant foam, dry chemical powder, carbon dioxide.
- Extinguishing media which must not be used for safety reasons: full water jet

#### Specific hazards arising from the chemical

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.  
May form dangerous gases and vapours in case of fire.  
carbon monoxide and carbon dioxide.  
Potentially explosive vapor/air mixtures may form.

- Protective equipment and precautions for firefighters: Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.
- Additional information: Heating will lead to pressure increase: Danger of bursting and explosion. Cool exposed containers with water spray.  
Move undamaged containers from immediate hazard area if it can be done safely.  
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.  
Do not allow fire water to penetrate into surface or ground water.  
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 gas/vapor/spray. Avoid contact with the substance.  
Eliminate all ignition sources if safe to do so. Provide adequate ventilation.  
Wear appropriate protective equipment. Keep unprotected people away.  
Do not open or incinerate, even when empty. Do not spray into flames or on incandescent objects.



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### Environmental precautions:

Do not allow to enter into ground-water, surface water or drains.  
In case of release, notify competent authorities. Danger of explosion!

### 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).  
Beware of reignition. Thoroughly clean surrounding area.

### Additional information:

Use explosion-proof equipment and non-sparking tools/utensils.

## 7. Handling and storage

### Handling

#### Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not breathe gas/vapor/spray.  
Avoid contact with skin and eyes. Wear appropriate protective equipment.  
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

#### Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

### Storage

#### Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.  
Keep container dry. Keep only in the original container.  
Protect from heat and direct sunlight.  
Store containers in upright position. Explosion protection required. Store locked up.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### Hints on joint storage:

Do not store together with combustible or self-igniting materials or any highly flammable solids. 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
67-64-1	Acetone	USA: ACGIH: STEL	500 ppm
		USA: ACGIH: TWA	250 ppm
		USA: NIOSH: TWA	590 mg/m <sup>3</sup> ; 250 ppm
		USA: OSHA: TWA	2400 mg/m <sup>3</sup> ; 1000 ppm
108-94-1	Cyclohexanone	USA: ACGIH: TWA	50 mg/m <sup>3</sup> ; 20 ppm (May be absorbed through the skin.)
		USA: NIOSH: TWA	100 mg/m <sup>3</sup> ; 25 ppm (May be absorbed through the skin.)
		USA: OSHA: TWA	200 mg/m <sup>3</sup> ; 50 ppm
112-34-5	2-(2-Butoxyethoxy) ethanol	USA: ACGIH: TWA	67.5 mg/m <sup>3</sup> ; 10 ppm inhalable fraction and vapor
123-86-4	n-Butyl acetate	USA: NIOSH: STEL	950 mg/m <sup>3</sup> ; 200 ppm
		USA: NIOSH: TWA	710 mg/m <sup>3</sup> ; 150 ppm
		USA: OSHA: TWA	710 mg/m <sup>3</sup> ; 150 ppm
107-98-2	1-Methoxy-2-propanol	USA: ACGIH: STEL	369 mg/m <sup>3</sup> ; 100 ppm
		USA: ACGIH: TWA	184 mg/m <sup>3</sup> ; 50 ppm
		USA: NIOSH: STEL	540 mg/m <sup>3</sup> ; 150 ppm
		USA: NIOSH: TWA	360 mg/m <sup>3</sup> ; 100 ppm

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-64-1	Acetone	USA: ACGIH-BEI, urine	25 mg/L	acetone	end of exposure or end of shift
108-94-1	Cyclohexanone	USA: ACGIH-BEI, urine	8 mg/L	Cyclohexanol	end of exposure or end of shift
		USA: ACGIH-BEI, urine	80 mg/L	1,2-Cyclohexanediol	end of shift at end of workweek

#### 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	Flame retardant, antistatic and chemical resistant protective clothing. Protective gloves according to OSHA Standard - 29 CFR: 1910.138 (Solvent resistant protective gloves). Glove material: Butyl caoutchouc (butyl rubber) - Layer thickness: 0.7 mm Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Respiratory protection:	Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. For short or minimal exposure: air purifying respirator (A); for longer exposure: supplied air respirator.



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### General hygiene considerations:

Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.  
Do not breathe gas/vapor/spray. Avoid contact with skin and eyes.  
Take off immediately all contaminated clothing.  
When using do not eat, drink or smoke.  
Wash hands before breaks and after work.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Form: Aerosol Color: pink
Odor:	like acetone
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	not applicable
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Flammability:	Extremely flammable aerosol.
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	at 68 °F: 0.767 g/cm <sup>3</sup>
Water solubility:	slightly miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Explosive properties:	Product is not explosive. Potentially explosive vapor/air mixtures may form.
Ignition temperature:	> 392 °F

## 10. Stability and reactivity

Reactivity:	Extremely flammable aerosol. Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Contains gas under pressure; may explode if heated.
Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Incompatible materials:	Do not store together with combustible or self-igniting materials or any highly flammable solids.
Hazardous decomposition products:	May form dangerous gases and vapours in case of fire. 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: Based on available data, the classification criteria are not met.  
Eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Based on available data, the classification criteria are not met.  
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 drowsiness or dizziness.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

Other information: Information about Acetone:  
LD50 Rat, oral: 5800 mg/kg.  
LD50 Rabbit, dermal: 7800 mg/kg.  
LD50 Rat, inhalative: 20 mg/l/4h.

### Symptoms

May cause drowsiness or dizziness. Causes serious eye irritation. Inhalation causes narcotic effects/intoxication. Further hazardous properties cannot be excluded.

### General remarks

For carcinogenic effects:  
Information about CAS No. 108-94-1  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed

## 12. Ecological information

### Ecotoxicity

Aquatic toxicity: Information about Acetone:  
Daphnia toxicity: EC50 Daphnia magna (Big water flea): 8800 mg/L/48h  
Fish toxicity: LC50 8300 mg/L/96h

### Mobility in soil

No data available

### Persistence and degradability

Further details: No data available

### Additional ecological information

Volatile organic compounds (VOC):  
96.4 % by weight = 739.4 g/L  
General information: Do not allow to enter into ground-water, surface water or drains.



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### 13. Disposal considerations

#### Product

Recommendation: Do not pierce or burn, even after use.  
Special waste. 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 empty containers with care.  
Incineration may cause explosion. Spray can must be completely empty for proper waste disposal.

### 14. Transport information

#### USA: Department of Transportation (DOT)

Identification number: UN1950  
Proper shipping name: UN 1950, AEROSOLS  
Hazard class or Division: 2.1  
Labels: 2.1  
Special provisions: N82  
Packaging – Exceptions: 306  
Packaging – Non-bulk: None  
Packaging – Bulk: None  
Quantity limitations – Passenger aircraft / rail: 75 kg  
Quantity limitations – Cargo only: 150 kg  
Vessel stowage – Location: A  
Vessel stowage – Other: 25, 87, 126



#### Sea transport (IMDG)

UN number: UN 1950  
Proper shipping name: UN 1950, AEROSOLS  
Class or division, Subsidiary risk: Class 2.1, Subrisk-  
Packing Group: -  
EmS: F-D, S-U  
Special provisions: 63, 190, 277, 327, 344, 381,959  
Limited quantities: 1000 mL  
Excepted quantities: E0  
Contaminated packaging - Instructions: P207, LP200  
Contaminated packaging - Provisions: PP87, L2  
IBC - Instructions: -  
IBC - Provisions: -  
Tank instructions - IMO: -  
Tank instructions - UN: -  
Tank instructions - Provisions: -  
Stowage and handling: SW1 SW22  
Segregation: SG69  
Properties and observations: -  
Marine pollutant: no  
Segregation group: none





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### Air transport (IATA)

UN/ID number:	UN 1950
Proper shipping name:	UN 1950, AEROSOLS, flammable
Class or division, Subsidiary risk:	Class 2.1
Hazard label:	Flamm. gas
Excepted Quantity Code:	E0
Passenger and Cargo Aircraft: Ltd.Qty.:	Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft:	Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only:	Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special provisions:	A145 A167 A802
Emergency Response Guide-Code (ERG):	10L



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### 15. Regulatory information

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

Acetone:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: SOCMI Chemical: yes Other Environmental Laws: CERCLA: RQ 5000 lbs. RCRA Hazardous Wastes: Code U002 RCRA Groundwater Monitoring: Methods 8240 / PQL 100 NIOSH Recommendations: Occupational Health Guideline: 0004*
Cyclohexanone:	TSCA: listed Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed Clean Air Act: SOCMI Chemical: yes Other Environmental Laws: CERCLA: RQ 5000 lbs. RCRA Hazardous Wastes: Code U057 NIOSH Recommendations: Occupational Health Guideline: 0166
2-(2-Butoxyethoxy)ethanol:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: Hazardous Air Pollutants: yes SOCMI Chemical: yes
Dimethyl ether:	TSCA Inventory: listed TSCA HPVC: not listed TSCA listed Clean Air Act: Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f SOCMI Chemical: yes
n-Butyl acetate:	TSCA Inventory: listed TSCA HPVC: not listed Clean Water Act: Hazardous Substances: RQ 5000 lbs. Other Environmental Laws: CERCLA: RQ 5000 lbs. NIOSH Recommendations: Occupational Health Guideline: 0072
1-Methoxy-2-propanol:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: SOCMI Chemical: yes NIOSH Recommendations: Occupational Health Guideline: 0536

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

California Proposition 65: Not listed.

#### National regulations - Great Britain

Hazchem-Code: -



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### 16. Other information

Text for labeling: Contains 25 - 50 % Acetone, 2.5 - 10 % Cyclohexanone, 2.5 - 10 % 2-(2-Butoxyethoxy)ethanol, 25 - 50 % Dimethyl ether, 10 - 20 % n-Butyl acetate, 2.5 - 10 % 1-Methoxy-2-propanol. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 4 (Severe)

Reactivity: 2 (Moderate)

HMIS Version III Rating:

Health: 2 (Moderate)

Flammability: 4 (Severe)

Physical Hazard: 2 (Moderate)

Personal Protection: X = Consult your supervisor

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	2
	X

Reason of change: ADR/RID 2017, IMDG 2017

Date of first version: Nov/12/2015

#### 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.