



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 27/Oct/2017

Version: 2

Language: en-CA,US

Date of print: 30/Oct/2017

Contact VA 1403

Material number 122520

Page:

1 of 7

1. Product and company identification

Product identifier

Trade name: Contact VA 1403

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

General use: Adhesive.
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
Color: colorless
Odor: odorless
Classification: This material is classified as not hazardous.

Precautionary statements:

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

Contains 2-Methoxyethyl 2-cyanoacrylate. Cyanacrylate - Danger - skin and eyelids will stick together in seconds. Keep out of the reach of children.
Potentially explosive mixtures may form if adequate ventilation is not provided.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Special danger of slipping by leaking/spilling product.
see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterisation: Adhesive based on cyanoacrylic acid ester. Contains CAS: 27816-23-5.



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Contact VA 1403

Material number 122520

Page:

2 of 7

4. First aid measures

- General information: Cyanacrylate - Danger - skin and eyelids will stick together in seconds. Take off immediately all contaminated clothing.
- 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: Do not peel solidified product off the skin. Immediately clean with water and soap or cleanse with acetone followed by thorough rinsing. If product comes into contact with lips, hold mouth open. Do not allow lips to contact one another. Immediately get medical attention.
- After eye contact: Keep eye wide open. 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. Do not attempt to pull apart bonded eyelid. Subsequently seek the immediate attention of an ophthalmologist.
- After swallowing: Do not induce vomiting. Keep airway open. Immediately get medical attention.

Most important symptoms and effects, both acute and delayed

Cough, shortage of breath, respiratory complaints.

Information to physician

Treat symptomatically.

5. Fire fighting measures

- Flash point/flash point range: > 100 °C
- Auto-ignition temperature: not applicable
- Suitable extinguishing media: Water fog, extinguishing powder, alcohol resistant foam, carbon dioxide, dry sand.
- Extinguishing media which must not be used for safety reasons: Full water jet.

Specific hazards arising from the chemical

Combustible liquid. May form dangerous gases and vapours in case of fire. Furthermore, there may develop: Cyanide, nitrogen oxides (NO_x), 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:

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.



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Contact VA 1403

Material number 122520

Page:

3 of 7

6. Accidental release measures

- Personal precautions:** Cyanacrylate - Danger - skin and eyelids will stick together in seconds.
Avoid contact with skin, eyes, and clothing.
Provide adequate ventilation. Do not breathe vapor or spray.
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.
- Environmental precautions:**
Do not allow to enter into ground-water, surface water or drains.
In case of release, notify competent authorities.
- 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.
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).
- Additional information:** Use explosion-proof equipment and non-sparking tools/utensils.

7. Handling and storage

Handling

- Advices on safe handling:** Provide good ventilation and/or an exhaust system in the work area.
Handle and open container with care. Avoid contact with skin, eyes, and clothing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and soap/shower.
Do not breathe vapor or spray. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Wash hands before breaks and after work.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. Work place should be equipped with a shower and an eye rinsing apparatus.

- Precautions against fire and explosion:**
Take care of general rules for industrial preventive fire protection.

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. Protect from moisture contamination.
- Hints on joint storage:** Do not store together with combustible or self-igniting materials or any highly flammable solids.
Do not store together with alkalis, oxidizing agents, amines or acids.
Keep away from food, drink and animal feedingstuffs.
- Further details:** Before opening the container let the product reach room temperature as otherwise the formation of dew might be resulting.
Do not return unused portions of product to original container.

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.



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Contact VA 1403

Material number 122520

Page:

4 of 7

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. Recommendation: Flame retardant, antistatic and chemical resistant protective clothing. Protective gloves according to OSHA Standard - 29 CFR: 1910.138. Glove material: Fluororubber (Viton), Nitrile rubber Layer thickness: ≥ 0.7 mm Breakthrough time: > 60 min Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Respiratory protection:	Provide adequate ventilation. If necessary: Respiratory protection mask. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
General hygiene considerations:	Cyanacrylate - Danger - skin and eyelids will stick together in seconds. Keep out of the reach of children. Do not breathe vapor or spray. Avoid contact with skin, eyes, and clothing. When using do not eat or drink. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and soap/shower. Take off contaminated clothing and wash it before reuse. Wash hands before breaks and after work. Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Work place should be equipped with a shower and an eye rinsing apparatus.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Color: colorless
Odor:	odorless
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	> 100 °C
Flash point/flash point range:	> 100 °C
Evaporation rate:	No data available
Flammability:	Combustible liquid.
Explosion limits:	LEL (Lower Explosion Limit): not applicable UEL (Upper Explosive Limit): not applicable
Vapor pressure:	approx. 0.3 hPa
Vapor density:	No data available
Density:	1.1 g/mL
Solubility:	partially miscible (Acetone)
Water solubility:	practically insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not applicable
Thermal decomposition:	No decomposition when used properly.
Viscosity, dynamic:	at 25 °C: approx. 1200 mPa*s
Explosive properties:	Vapors may form explosive mixtures with air.



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Contact VA 1403

Material number 122520

Page:

5 of 7

10. Stability and reactivity

- Reactivity:** Combustible liquid.
Vapors may form explosive mixtures with air.
Explosive reaction with water.
- Chemical stability:** Stable under recommended storage conditions.
- Possibility of hazardous reactions**
Heating will lead to pressure increase: Danger of bursting and explosion.
At heat, humidity: Polymerization along with heat production.
May polymerize under the influence of light.
- Conditions to avoid:** Protect from moisture contamination. Keep away from heat sources, sparks and open flames.
Protect against direct sunlight.
- Incompatible materials:** Alkalis, oxidizing agents, amines, alcohols, water, acids, alkalis.
- Hazardous decomposition products:**
Cyanide, nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.
Toxic gases/vapours.
- Thermal decomposition:** No decomposition when used properly.

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): ATE > 5000 mg/kg.
Acute toxicity (dermal): Based on available data, the classification criteria are not met.
ATEmix (calculated): ATE > 2000 mg/kg.
Acute toxicity (inhalative): Lack of data.
Skin corrosion/irritation: Lack of data.
Eye damage/irritation: Lack of data.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Based on available data, the classification criteria are not met.
not sensitising.
Sensitization has been observed only in sensitive humans.
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: 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 Ethyl 2-cyanoacrylate:
Acute oral toxicity: LD50, Rat: > 5000 mg/kg (OECD 401)
Acute dermal toxicity: LD50, Rabbit, male: > 2000 mg/kg (OECD 402)

Symptoms

Cough, shortage of breath, respiratory complaints.



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Contact VA 1403

Material number 122520

Page:

6 of 7

12. Ecological information

Ecotoxicity

Further details: No data available

Mobility in soil

No data available

Persistence and degradability

Further details: Due to the consistency along with the low water solubility of the product a bioavailability is unlikely.

Additional ecological information

AOX reference: Ecotoxicological effects: The product has not been tested.
The statement is derived from products of similar structure or composition.

Volatile organic compounds (VOC):
3 % by weight = 27 g/L

General information: Do not allow uncontrolled discharge of product into the environment.
Do not allow to penetrate into soil, waterbodies or drains.

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation. Do not allow to enter into ground-water, surface water or drains.

Contaminated packaging

Recommendation: Handle empty containers with care. Incineration may cause explosion.
Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
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



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Material number 122520

Page: 7 of 7

Air transport (IATA)

UN/ID number: UN 3334
 Proper shipping name: UN 3334, AVIATION REGULATED LIQUID, N.O.S. (2-Methoxyethyl 2-cyanoacrylate)
 Class or division, Subsidiary risk: Class 9
 Packing Group: III
 Hazard label: Miscellaneous
 Excepted Quantity Code: E1
 Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y964 - Max. Net Qty/Pkg. 30 kg G
 Passenger and Cargo Aircraft: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
 Cargo Aircraft only: Pack.Instr. 964 - Max. Net Qty/Pkg. 450 L
 Special provisions: A27
 Emergency Response Guide-Code (ERG): 9A

15. Regulatory information

National regulations - Canada

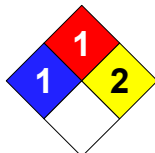
No data available

National regulations - U.S. Federal Regulations

2-Methoxyethyl 2-cyanoacrylate: TSCA Inventory: listed; EPA flags P
TSCA HPV: not listed

16. Other information

Hazard rating systems:



NFPA Hazard Rating:
Health: 1 (Slight)
Fire: 1 (Slight)
Reactivity: 2 (Moderate)

HMIS Version III Rating:
Health: 1 (Slight)
Flammability: 1 (Slight)
Physical Hazard: 2 (Moderate)
Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	2
	X

Reason of change: Changes in section 2: classification, labeling
Changes in section 3: Composition / information on ingredients
Changes in section 4, 7-13, 15: General revision

Date of first version: 13/Jul/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.