

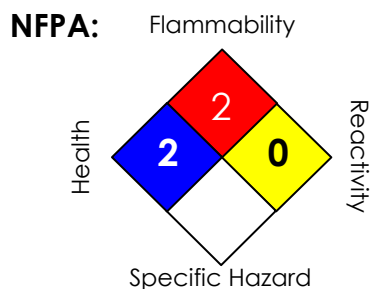
Material Safety Data Sheet

Klebfix Super Glue 20g

Version 1.2

Revision Date 07/02/2015

Print Date 07/04/2015


HMIS III:

| | |
|---------------------|----------|
| HEALTH | 3 |
| FLAMMABILITY | 2 |
| PHYSICAL | 0 |

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Name : Klebfix Super Glue 20g
 Product code : 893.09
 SDS-Identcode : 10033063
 Product Use Description : Adhesives, NSF Registered Product
 Company : Würth Canada Limited
 345 Hanlon Creek Blvd
 GUELPH, ON N1C 0A1
 Canada
 Telephone : +1 (905) 564 6225
 Telefax : +1 (905) 564 3671
 Responsible/issuing person : prodsafe@wuerth.com
 Emergency telephone number : In case of emergency please contact: CANUTEC (5:00 pm - 8:00 am):
 +1 (613) 996 6666
 WÜRTH CANADA LIMITED (8:00 am - 5:00 pm):
 +1 (905) 564 6225

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview

Regulatory status : This product, material or substance is a WHMIS controlled product per Sections 33 - 66, Part IV of the CPR.

Signal Word : WARNING
 Form : liquid
 Colour : colourless

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Odour : irritating
Odour - Control : No data available
parameters
Hazard Summary : Irritant

Combustible Liquid

Potential Health Effects

Eyes : Bonds skin and eyes in seconds.
Causes eye irritation.

Inhalation : Causes respiratory tract irritation.

Skin : Causes skin irritation.

Target Organs : Eyes
Skin
Respiratory system

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS-No. | Weight percent- Weight percent |
|-----------------------|-----------|-----------------------------------|
| ethyl 2-cyanoacrylate | 7085-85-0 | >= 95 - <= 100 |

SECTION 4. FIRST AID MEASURES

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| | |
|----------------|---|
| General advice | : If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately. |
| Inhalation | : If breathed in, move person into fresh air. If symptoms persist, call a physician. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. |
| Skin contact | : In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician. |
| Eye contact | : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Eyelid bonding: see a doctor. |
| Ingestion | : If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position. |

SECTION 5. FIREFIGHTING MEASURES

| | |
|--------------------------------------|---|
| Form | : liquid |
| Flash point | : > 80 °C (> 176 °F) |
| Suitable extinguishing media | : Dry powder Alcohol-resistant foam Carbon dioxide (CO ₂) Water spray jet |
| Unsuitable extinguishing media | : High volume water jet |
| Specific hazards during firefighting | : Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products may be formed under fire conditions (see section 10). Exposure to decomposition products may be a hazard to health. |
| Special protective | : In the event of fire, wear self-contained breathing |

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- equipment for firefighters : apparatus.
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.

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Advice on protection against fire and explosion : Normal measures for preventive fire protection.
 Dust explosion class : Not applicable

Storage

Requirements for storage areas and containers : Store in original container.
 Keep containers tightly closed in a cool, well-ventilated place.

Advice on common storage : Incompatible with acids.
 Incompatible with bases.
 Avoid amines.

Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines

| Components | CAS-No. | List | Type: | Value | Update |
|-----------------------|-----------|-----------|-------|---|------------|
| ethyl 2-cyanoacrylate | 7085-85-0 | CA AB OEL | TWA | 0.2 ppm ¹ mg/m ³ | 2007-01-01 |
| | | CA BC OEL | TWA | 0.2 ppm | 2006-11-29 |

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection : Tightly fitting safety goggles

Hand protection
 Glove material : Nitrile rubber

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work

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- place.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Respiratory protection : Respirator with filter type A
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : liquid
- Colour : colourless
- Odour : irritating
- Flash point : > 80 °C (> 176 °F)
- Boiling point/boiling range : No data available
- Vapour pressure : No data available
- Density : 1.06 g/cm³
at 20 °C (68 °F)
- Water solubility : hydrolyses
- Viscosity, dynamic : 20 - 40 mPa.s
at 25 °C (77 °F)

SECTION 10. STABILITY AND REACTIVITY

- Materials to avoid : Alcohols
Amines
Acids

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Bases

Hazardous decomposition products : Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

Hazardous reactions : Note: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity : No data is available on the product itself.
Reproductive toxicity : No data is available on the product itself.
Teratogenicity : No data is available on the product itself.

Component:

ethyl 2-cyanoacrylate

7085-85-0

Acute oral toxicity: LD50 Rat

Dose: > 5,000 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity: LD50 Rabbit

Dose: > 2,000 mg/kg

Method: OECD Test Guideline 402

Skin irritation: Rabbit

Result: Skin irritation

Method: OECD Test Guideline 404

Eye irritation: Rabbit

Result: Eye irritation

Method: OECD Test Guideline 405

SECTION 12. ECOLOGICAL INFORMATION

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.
Do not dispose of waste into sewer.

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This material and its container must be disposed of as hazardous waste.
Do not dispose of together with household waste.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

Not dangerous goods

TDGR

Not dangerous goods

ICAO/IATA-DGR

ID No : UN 3334
Proper shipping name : Aviation regulated liquid, n.o.s.
(ethyl 2-cyanoacrylate)
Class : 9
Packaging group : III
ICAO-Labels : 9
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964
Packing instruction (passenger aircraft) : Y964
Environmentally hazardous : no

IMDG-Code

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

WHMIS Classification : B3 Combustible Liquid
D2B Toxic Material Causing Other Toxic Effects
Combustible Liquid
Moderate skin irritant
Moderate eye irritant

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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SECTION 16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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