



Revision Date 18-Nov-2025

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS  
which includes the amended Hazardous Products Act (HPA) and the Hazardous Products  
Regulation (HPR)

Version 1

## 1. Identification

### Product identifier

**Product Name** SUPER GLUE 1 OZ

### Other means of identification

**Product Code** 49450

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** This product is a cyanoacrylate-based adhesive

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

#### Manufacturer Address

ITW Permatex, Inc.  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

#### May Also Be Distributed by:

ITW Permatex Canada  
101-2360 Bristol Circle  
Oakville, ON Canada L6H 6M5  
Telephone: (800) 924-6994

**E-mail address** mail@permatex.com

### Emergency telephone number

**24 Hour Emergency Phone Number** Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453

**24-hour emergency phone number** No information available

## 2. Hazard(s) identification

### Classification

|  |             |
|--|-------------|
| Acute toxicity - Dermal                          | Category 4  |
| Skin corrosion/irritation                        | Category 2  |
| Serious eye damage/eye irritation                | Category 2A |
| Specific target organ toxicity (single exposure) | Category 3  |

### Label elements

**Contains** ETHYL-2-CYANOACRYLATE

**Warning****Hazard statements**

Harmful in contact with skin.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

**Precautionary Statements - Prevention**

Wear protective gloves, protective clothing, eye protection and face protection.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust, fume, gas, mist, vapors and spray.  
Use only outdoors or in a well-ventilated area.

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label).

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice and attention.

**Skin**

IF ON SKIN: Wash with plenty of water and soap.  
Call a POISON CENTER or doctor if you feel unwell.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation occurs: Get medical advice and attention.

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER or doctor if you feel unwell.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Unknown acute toxicity**

15 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.  
15 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.  
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).  
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).  
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Other Information**

May be harmful if swallowed.

**3. Composition/information on ingredients****Substance**

Not applicable.

**Mixture**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

| Chemical name | CAS No. | Weight-% | Hazardous Material | Date HMIRA filed and |
|---------------|---------|----------|--------------------|----------------------|
|---------------|---------|----------|--------------------|----------------------|

|                       |           |         | Information Review<br>Act registry number<br>(HMIRA registry #) | date exemption<br>granted (if applicable) |
|-----------------------|-----------|---------|---|---|
| ETHYL-2-CYANOACRYLATE | 7085-85-0 | 80-100% | -   | -   |

#### 4. First-aid measures

##### Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance.  |
| <b>Inhalation</b>                         | Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.  |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin contact</b>                       | Wash off immediately with soap and plenty of water for at least 15 minutes. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.   |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.                                      |

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

|                            |   |
|----------------------------|---|
| <b>Symptoms</b>            | May cause redness and tearing of the eyes. Burning sensation. |
| <b>Effects of Exposure</b> | No information available.                                     |

##### Indication of any immediate medical attention and special treatment needed

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

#### 5. Fire-fighting measures

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| <b>Large Fire</b>   | CAUTION: Use of water spray when fighting fire may be inefficient.   |
| <b>Unsuitable extinguishing media</b>                                 | Do not scatter spilled material with high pressure water streams.  |
| <b>Specific hazards arising from the chemical</b>                     | No information available.  |
| <b>Explosion data</b>   |  |
| <b>Sensitivity to mechanical impact</b>                               | None.  |
| <b>Sensitivity to static discharge</b>                                | None.  |
| <b>Special protective equipment and precautions for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**7. Handling and storage****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

**8. Exposure controls/personal protection****Control Parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

| Chemical name                      | ACGIH TLV                               | OSHA PEL | NIOSH |
|------------------------------------|---|----------|-------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | TWA: 0.2 ppm<br>STEL: 1 ppm<br>DS<br>RS | -        | -     |

| Chemical name                      | Alberta                                     | British Columbia          | Ontario       | Quebec         |
|------------------------------------|---|---------------------------|---------------|----------------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | TWA: 0.2 ppm;<br>TWA: 1 mg/m <sup>3</sup> ; | TWA: 0.2 ppm;<br>DS<br>RS | TWA: 0.2 ppm; | TWAEV: 10 ppm; |

| Chemical name         | Manitoba                                  | New Brunswick | Newfoundland and Labrador                 | Nova Scotia                               |
|-----------------------|---|---------------|---|---|
| ETHYL-2-CYANOACRYLATE | TWA: 0.2 ppm;<br>STEL: 1 ppm;<br>DS<br>RS | TWA: 0.2 ppm; | TWA: 0.2 ppm;<br>STEL: 1 ppm;<br>DS<br>RS | TWA: 0.2 ppm;<br>STEL: 1 ppm;<br>DS<br>RS |

| Chemical name         | Nunavut                         | Prince Edward Island          | Saskatchewan                    | Yukon |
|-----------------------|---------------------------------|-------------------------------|---------------------------------|-------|
| ETHYL-2-CYANOACRYLATE | TWA: 0.2 ppm;<br>STEL: 0.6 ppm; | TWA: 0.2 ppm;<br>STEL: 1 ppm; | TWA: 0.2 ppm;<br>STEL: 0.6 ppm; |       |

**Appropriate engineering controls**

|                             |   |
|-----------------------------|---|
| <b>Engineering controls</b> | Showers<br>Eyewash stations<br>Ventilation systems. |
|-----------------------------|---|

**Individual protection measures, such as personal protective equipment**

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face protection</b>            | Wear safety glasses with side shields (or goggles).  |
| <b>Hand protection</b>                | Wear suitable gloves.  |
| <b>Skin and body protection</b>       | Wear suitable protective clothing. Long sleeved clothing.  |
| <b>Respiratory protection</b>         | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Use appropriate respiratory protection. |
| <b>General hygiene considerations</b> | Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.   |

**9. Physical and chemical properties****Information on basic physical and chemical properties**

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | No information available |
| <b>Color</b>          | Clear                    |
| <b>Odor</b>           | No information available |
| <b>Odor threshold</b> | No information available |

| <b><u>Property</u></b>                | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |
|---------------------------------------|----------------------|--------------------------------|
| <b>pH</b>                             | No data available    |                                |
| <b>Melting point / freezing point</b> | No data available    |                                |
| <b>Boiling point / boiling range</b>  | > 149 °C / 300.2 °F  |                                |
| <b>Flash point</b>                    | 80-93.4 176-200      | Tag Closed Cup                 |
| <b>Evaporation rate</b>               | Not applicable       |                                |
| <b>Flammability (solid, gas)</b>      | No data available    |                                |
| <b>Flammability Limit in Air</b>      |                      |                                |
| <b>Upper flammability limit:</b>      | No data available    |                                |
| <b>Lower flammability limit:</b>      | No data available    |                                |
| <b>Vapor pressure</b>                 | <0.2 mmHg            |                                |
| <b>Vapor density</b>                  | No data available    |                                |
| <b>Relative density</b>               | 1.06                 |                                |
| <b>Water solubility</b>               | Insoluble in water   | Solidifies                     |
| <b>Solubility(ies)</b>                | No data available    |                                |
| <b>Partition coefficient</b>          | No data available    |                                |
| <b>Autoignition temperature</b>       | 485 °C / 905 °F      |                                |
| <b>Decomposition temperature</b>      | No data available    |                                |
| <b>Kinematic viscosity</b>            | No data available    |                                |
| <b>Dynamic viscosity</b>              | No data available    |                                |
| <b>Particle characteristics</b>       |                      |                                |
| <b>Particle Size</b>                  | No data available    |                                |
| <b>Particle Size Distribution</b>     | No data available    |                                |

**Other information**

|                             |                          |
|-----------------------------|--------------------------|
| <b>Explosive properties</b> | No information available |
| <b>Oxidizing properties</b> | No information available |
| <b>Softening point</b>      | No information available |

|                  |                          |
|------------------|--------------------------|
| Molecular weight | No information available |
| VOC content      | No information available |
| Density          | No information available |
| Bulk density     | No information available |

## 10. Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | No information available.                            |
| Chemical stability                 | Stable under normal conditions.                      |
| Possibility of hazardous reactions | None under normal processing.                        |
| Conditions to avoid                | None known based on information supplied.            |
| Incompatible materials             | Strong acids. Strong bases. Strong oxidizing agents. |
| Hazardous decomposition products   | None known based on information supplied.            |

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

|              |   |
|--------------|---|
| Inhalation   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.  |
| Eye contact  | Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain. |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).  |
| Ingestion    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.             |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |   |
|----------|---|
| Symptoms | Redness. May cause redness and tearing of the eyes. |
|----------|---|

|                |                          |
|----------------|--------------------------|
| Acute toxicity | Harmful by skin contact. |
|----------------|--------------------------|

#### Numerical measures of toxicity

#### The following ATE values have been calculated for the mixture

|                               |                |
|-------------------------------|----------------|
| ATEmix (oral)                 | 5,000.00 mg/kg |
| ATEmix (dermal)               | 2,000.00 mg/kg |
| ATEmix (inhalation-gas)       | 99,999.00 ppm  |
| ATEmix (inhalation-vapor)     | 99,999.00 mg/l |
| ATEmix (inhalation-dust/mist) | 99,999.00 mg/l |

#### Unknown acute toxicity

- 15 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 15 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

| Chemical name                      | Oral LD50            | Dermal LD50             | Inhalation LC50         |
|------------------------------------|----------------------|-------------------------|-------------------------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | < 21.1 mg/L ( Rat ) 1 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | Classification based on data available for ingredients. Causes skin irritation.        |
| <b>Serious eye damage/eye irritation</b> | Classification based on data available for ingredients. Causes serious eye irritation. |
| <b>Respiratory or skin sensitization</b> | No information available.  |
| <b>Germ cell mutagenicity</b>            | No information available.  |
| <b>Carcinogenicity</b>                   | No information available.  |
| <b>Reproductive toxicity</b>             | No information available.  |
| <b>STOT - single exposure</b>            | May cause respiratory irritation.  |
| <b>STOT - repeated exposure</b>          | No information available.  |
| <b>Aspiration hazard</b>                 | No information available.  |

**12. Ecological information**

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.   |
| <b>Bioaccumulation</b>               | There is no data for this product.  |
| <b>Other adverse effects</b>         | No information available.   |

**13. Disposal considerations****Waste treatment methods**

|  |  |
|--|--|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.                      |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.   |
| <b>US EPA Waste Number</b>                 | Waste designations and classifications should be determined by the end user based on the application for which the product was used. |

**14. Transport information**

|                   |               |
|-------------------|---------------|
| <b><u>DOT</u></b> | Not regulated |
|-------------------|---------------|

|                   |               |
|-------------------|---------------|
| <u>TDG</u>        | Not regulated |
| <u>MEX</u>        | Not regulated |
| <u>ICAO (air)</u> | Not regulated |
| <u>IATA</u>       | Not regulated |
| <u>IMDG</u>       | Not regulated |

## 15. Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### International Inventories

|               |                |
|---------------|----------------|
| TSCA          | Complies       |
| DSL/NDL       | Complies       |
| EINECS/ELINCS | Not determined |
| ENCS          | Complies       |
| IECSC         | Complies       |
| KECI          | Complies       |
| PICCS         | Complies       |
| AICS          | Complies       |
| NZIoC         | Complies       |

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### **CERCLA**



This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

### U.S. State Right-to-Know Regulations

| Chemical name                      | New Jersey | Massachusetts | Pennsylvania |
|------------------------------------|------------|---------------|--------------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | X          | -             | -            |

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. Other information

|             |                         |                       |                           |                              |
|-------------|-------------------------|-----------------------|---------------------------|------------------------------|
| <b>NFPA</b> | <b>Health hazards</b> 2 | <b>Flammability</b> 1 | <b>Instability</b> 0      | <b>Special hazards</b> -     |
| <b>HMIS</b> | <b>Health hazards</b> 2 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X |

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |
| +       | Sensitizers                 |      |                                  |

### Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
U.S. Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AELG(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

United Nations World Health Organization (WHO)

**Revision Date** 18-Nov-2025

**Revision Note** No information available.

**Disclaimer**

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.