



## SAFETY DATA SHEET

Revision Date 14-Apr-2016

Version 4

## 1. IDENTIFICATION

**Product identifier****Product Name** SUPER GLUE 2 GR**Other means of identification****Product Code** 82190**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** This product is a cyanoacrylate-based adhesive**Uses advised against** No information available**Details of the supplier of the safety data sheet****Manufacturer Address**ITW Permatex  
6875 Parkland Blvd.  
Solon, OH 44139 USA**Distributor**ITW Permatex Canada  
35 Brownridge Road, Unit 1  
Halton Hills, ON Canada L7G 0C6  
Telephone: (800) 924-6994**Company Phone Number**1-87-Permatex  
(877) 376-2839**24 Hour Emergency Phone Number**Chem-Tel: 800-255-3924  
International Emergency:  
00+1+ 813-248-0585  
Contract Number: MIS0003453**E-mail address**

mail@permatex.com

## 2. HAZARDS IDENTIFICATION

**Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

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

**Label elements****Emergency Overview****Warning**Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation

**Appearance** Clear**Physical state** Liquid**Odor** Irritating**Precautionary Statements - Prevention**

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

**Precautionary Statements - Response**

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

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/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician 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/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

- Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children

Unknown acute toxicity

29.91 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**substance(s)**

| Chemical Name         | CAS No    | Weight-% | Trade Secret |
|-----------------------|-----------|----------|--------------|
| ETHYL-2-CYANOACRYLATE | 7085-85-0 | 60 - 100 | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures****General advice**

Get medical advice/attention if you feel unwell.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eyelids are bonded closed, release eyelashes with warm water by covering with a wet pad. If eye irritation persists: Get medical advice/attention.

|   |   |
|---|---|
| <b>Skin contact</b>                       | IF ON SKIN: Wash with soap and water. Allow warm water to penetrate the bond and gently attempt to move bonded areas without pulling the skin away from bonded area. If skin irritation persists, call a physician. |
| <b>Inhalation</b>                         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.   |
| <b>Ingestion</b>                          | Not an expected route of exposure.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.  |

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

**Symptoms** See section 2 for more information.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

**Unsuitable extinguishing media**

None.

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**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** Ensure adequate ventilation. Flood with water to complete polymerization and scrape off floor. Take up mechanically, placing in appropriate containers for disposal.

**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 breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

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

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

**Incompatible materials** Water, Alcohols, Amines, Alkalis

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

| Chemical Name                      | ACGIH TLV    | OSHA PEL | NIOSH IDLH |
|------------------------------------|--------------|----------|------------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | TWA: 0.2 ppm | -        | -          |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

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

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Do not use PVC, nylon or cotton. Wear protective nitrile rubber gloves.

**Respiratory protection** Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**General Hygiene Considerations** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid  
**Appearance** Clear  
**Odor** Irritating  
**Odor threshold** No information available

| <u>Property</u>                | <u>Values</u>            | <u>Remarks • Method</u> |
|--------------------------------|--------------------------|-------------------------|
| pH                             | No information available |                         |
| Melting point / freezing point | No information available |                         |
| Boiling point / boiling range  | 185 °C / 365 °F          |                         |
| Flash point                    | 85 °C / 185 °F           |                         |
| Evaporation rate               | No information available |                         |
| Flammability (solid, gas)      | No information available |                         |
| Flammability Limit in Air      |                          |                         |
| Upper flammability limit:      | No information available |                         |
| Lower flammability limit:      | No information available |                         |

|                              |                          |            |
|------------------------------|--------------------------|------------|
| Vapor pressure               | 1 mm Hg @ 20°C           |            |
| Vapor density                | No information available |            |
| Relative density             | 1.06                     |            |
| Water solubility             | Insoluble in water       | Solidifies |
| Solubility in other solvents | No information available |            |
| Partition coefficient        | No information available |            |
| Autoignition temperature     | No information available |            |
| Decomposition temperature    | No information available |            |
| Kinematic viscosity          | No information available |            |
| Dynamic viscosity            | No information available |            |
| Explosive properties         | No information available |            |
| Oxidizing properties         | No information available |            |

**Other Information**

|                  |                          |
|------------------|--------------------------|
| Softening point  | No information available |
| Molecular weight | No information available |
| VOC Content (%)  | <20 g/L                  |
| Density          | No information available |
| Bulk density     | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Excessive heat.

**Incompatible materials**

Water, Alcohols, Amines, Alkalis

**Hazardous Decomposition Products**

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause irritation of respiratory tract.   |
| <b>Eye contact</b>  | Contact with eyes may cause irritation. May cause redness and tearing of the eyes. |
| <b>Skin contact</b> | Will bond to skin.   |
| <b>Ingestion</b>    | Ingestion may cause irritation to mucous membranes.                                |

| Chemical Name                      | Oral LD50         | Dermal LD50 | Inhalation LC50 |
|------------------------------------|-------------------|-------------|-----------------|
| ETHYL-2-CYANOACRYLATE<br>7085-85-0 | > 5 mL/kg ( Rat ) | -           | -               |

**Information on toxicological effects**

**Symptoms** No information available.

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

|   |  |
|---|--|
| <b>Sensitization</b>                                      | No information available.  |
| <b>Germ cell mutagenicity</b>                             | No information available.  |
| <b>Carcinogenicity</b>                                    | The table below indicates whether each agency has listed any ingredient as a carcinogen. |
| <i>IARC (International Agency for Research on Cancer)</i> |  |
| <i>Not classifiable as a human carcinogen</i>             |  |

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 4996 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

99.91 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

### Mobility

No information available.

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                               |   |
|-------------------------------|---|
| <b>Disposal of wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated packaging</b> | Do not reuse container.   |
| <b>US EPA Waste Number</b>    | Not applicable  |

## 14. TRANSPORT INFORMATION

### DOT

**Proper shipping name:** Not regulated

### IATA

**Proper shipping name:** Not regulated

### IMDG

**Proper shipping name:** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

|                      |             |
|----------------------|-------------|
| <b>TSCA</b>          | Complies    |
| <b>DSL/NDSL</b>      | Complies    |
| <b>EINECS/ELINCS</b> | Not Listed. |

|              |          |
|--------------|----------|
| <b>ENCS</b>  | Complies |
| <b>IECSC</b> | Complies |
| <b>KECL</b>  | Complies |
| <b>PICCS</b> | Complies |
| <b>AICS</b>  | Complies |

**Legend:**

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

**DSL/NDSL** - 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 and Evaluated Chemical Substances

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

**AICS** - Australian Inventory of Chemical Substances

**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**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | No  |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**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          | -             | -            |
| 1,4-DIHYDROXYBENZENE<br>123-31-9   | X          | X             | X            |

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**WHMIS Hazard Class**

B3 - Combustible liquid, D2B - Toxic materials

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

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

NFPA (National Fire Protection Association)

HMIS (Hazardous Material Information System)

Revision Date

14-Apr-2016

**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.

**End of Safety Data Sheet**