

# Material Safety Data Sheet

ITW Performance Polymers - Devcon

1 of 4

## SUPER GLUE

This product appears in the following stock number(s):  
29005, 29045, 29405, S-290, S-2900, S-2940

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Tradename:** SUPER GLUE

**General use:** Bonds skin and eyes immediately. In case of skin or eye contact, do not force bonded surfaces apart; follow first aid instructions below.

**Chemical family:** Cyanoacrylates

### MANUFACTURER

ITW Performance Polymers - Devcon  
Consumer Division  
2107 West Blue Heron Blvd.  
Riviera Beach, FL 33404

### EMERGENCY INFORMATION

Emergency telephone number  
(CHEMTREC): (800) 424-9300  
(CHEMTREC International): 703-527-3887  
Other Calls: (561) 845-2425

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Abbr.	Weight Percent	ACGIH TLV:	OSHA PEL:	Other Limits
ETHYL-2-CYANOACRYLATE 7085-85-0	n/e	>70	0.2 ppm TWA	n/e	n/e
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance	n/e	n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (\*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

## 3. HAZARDOUS IDENTIFICATION

### Emergency Overview

**Appearance, form, odor:** Clear viscous liquid with sharp, irritating odor

**WARNING!** Cyanoacrylate Esters. Can cause severe eye injury. Bonds body tissue in seconds.

### Potential health effects

**Primary Routes of Exposure:** Eye. Skin. Inhalation (breathing)

### Symptoms of acute overexposure

**Skin:** Bonds skin rapidly and strongly. Large quantities may cause burns.

**Eyes:** May bond eyelids. A large drop may cause a burn upon solidification. Lachrymator, double vision.

**Inhalation:** Irritation or burns of nose, throat and bronchia (cough, chest pain, difficulty breathing).

**Ingestion:** The adhesive solidifies and adheres in the mouth, almost impossible to swallow. Lips may bond.

**Effects of Chronic Exposure:** Possible respiratory sensitization, asthmatic effects.

### Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

## 4. FIRST AID MEASURES

**Eye Contact:** Flush with lukewarm water for 15 minutes. Call a physician immediately. Do not attempt to peel bonded eyelids from eye!.

**Skin Contact:** Immerse in warm, soapy water. Do not force apart.

**Inhalation:** Move to fresh air; get medical attention if symptoms persist.

**Ingestion:** Ingestion is not likely. The adhesive solidifies and adheres in the mouth. If lips are accidentally stuck together, apply lots of warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips with direct opposing action. Saliva will lift the adhesive in one half to two days.

## 5. FIRE FIGHTING MEASURES

**Recommended Extinguishing Media:** Carbon dioxide, Dry chemical, foam

**Flash point:** >170°F

**Method:** SCC

**Lower Explosive**

**Upper Explosive**

**Limit:** n/d

**Limit:** n/d

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact.

**Unusual Fire/Explosion Hazards:**

Water may spread fire due to product floating on surface. Cloths used to wipe spills may polymerize and auto-ignite.

**Hazardous Products of Combustion:**

Oxides of carbon, Oxides of nitrogen

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Control:** Flood area with water to cure and to control product vapors. Wear the appropriate personal protective equipment.

**Containment:** N/A.

**Cleanup:** Wipe or scrape up spill material. Place in an appropriate waste container for disposal.

**Special procedures:** Contact with cotton or wool may result in a strong exothermic reaction which can result in a fire.

## 7. HANDLING AND STORAGE

**Handling precautions:** Cyanoacrylates bond skin rapidly and strongly. May also bond eyelids and/or skin. Wear appropriate ventilation/respiratory protection against decomposition products (see Section 8).

**Storage:** Keep in cool and dark place. Avoid direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering controls

#### **Ventilation:**

General ventilation is adequate for occasional use. Where the adhesive is in continual use or is heated, or heating cured adhesive over 400°F, provide local exhaust to keep vapors below the TLV.

**Other engineering controls:** Have emergency shower and eye wash available.

### Personal protective equipment

**Eye and face protection:** Safety glasses with side shields or splash-proof goggles are recommended.

**Skin protection:** Polyethylene gloves and apron. Do not wear rubber or cloth gloves.

**Respiratory protection:** An approved respirator (i.e.NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Specific Gravity:** 1.05 @ 70°F

**Boiling Point:** >212°F

**Melting point:** n/d

**Vapor Density (Air=1):** Approximately 3

**Vapor Pressure:** <0.5 mmHg

**Evaporation Rate:** n/d

**VOC:** <20 g/l (California SCAQMD Method 316B)

**Solubility in water:** Polymerized

**pH (5% solution or slurry in water):** n/d

## 10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

**Conditions to Avoid:** High temperatures.

**Incompatibilities:** Base cotton, wool, water, alkaline (basic) materials

**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen

**Conditions under which hazardous polymerization may occur:** Contamination with water, alkaline materials or peroxides may build-up pressure in a closed container.

## 11. TOXICOLOGICAL INFORMATION

**Eye irritation:** Instantly bonds eyelid to eyelid and/or eye.

**Subchronic effects:** No data available.

**Carcinogenicity, tertogenicity and mutagenicity:** No data available.

**Other chronic effects:** None known.

### Toxicological information on hazardous chemical constituents of this product:

Ingredient	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
ETHYL-2-CYANOACRYLATE 7085-85-0	>5 mL/kg	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

**Mobility and persistence:** No data available.

**Environmental fate:** No data available.

## 13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

**Recommended Method of Disposal:** If this product becomes a waste, it would be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

## 14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: None

Packing group: N/A

Emergency Response Guide no: N/A

IMDG page number: N/A

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

#### The following RCRA code(s) applies to this material if it becomes waste:

None

#### Regulatory status of hazardous chemical constituents of this product:

Ingredient	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
ETHYL-2-CYANOACRYLATE 7085-85-0	No	No	0.0	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

\*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

\*\*Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

**For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material:** Immediate health hazard, Fire hazard

**California regulations:** For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### Canadian regulations

**WHMIS Hazard Class:** B3 COMBUSTIBLE LIQUIDS, D2B TOXIC MATERIALS

## 16. OTHER INFORMATION

#### Hazardous Material Information System (HMIS) rating:

Health 2\* Flammability 2 Physical Hazard 1

HMIS is a registered trademark of the National Paint and Coatings Assn.

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**Revision Number:** 1

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