



# MATERIALS SAFETY DATA SHEET

Date Prepared: Jan. 8, 2010 Data revised: 1st edition

## FOR CHEMICAL EMERGENCY

During Business Hours: (800) 966-3458

Outside Business Hours: (800) 420-7186

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION/AND THE COMPANY

**Product name:** Gorilla Super Glue  
**Product description:** Ethyl Cyanoacrylate adhesive  
**Distributor:** The Gorilla Glue Company  
4550 Red Bank Expressway  
Cincinnati, OH 45227  
Tel: (513) 271-3300  
Fax: (513) 527-3742

### 2. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

Ingredients:	CAS No.	OSHA PEL	ACGIH TLV	Other limits	% Composition
Ethyl Cyanoacrylate	7085-85-0	N/A	0.2ppm TWA	0.3ppm STEL	86-100

### 3. HAZARDS IDENTIFICATION

#### Emergency overview

Immediate concerns: Causes eye irritation. May cause sensitization. May cause respiratory tract irritation.

Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

#### Potential health effects

**Eyes:** Causes eye irritation.  
**Skin:** Bonds skin instantly. May cause sensitization.  
**Ingestion:** Note likely route of entry. Substance may be harmful if swallowed.  
**Inhalation:** May cause irritation to the nose, throat and respiratory tract.

#### Signs and symptoms of overexposure

**Acute toxicity:** Symptoms of exposure include burning sensation, coughing, wheezing, laryngitis, stomach or intestinal upset, and/or respiratory tract irritation.

**Target organ statement** Eyes.

**Sensitization:** May cause allergic skin reaction.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Do not attempt to pull apart bonded eyelid. Seek medical attention.

**Skin:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**Ingestion:** Do not induce vomiting. Saliva will cause cyanoacrylate to polymerize in mouth. If lips are bonded together, use warm water to gently separate the lips apart. Contact a physician.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Notes to physician:** Cured adhesive does not pose a health risk.

## 5. FIRE FIGHTING MEASURES

<b>Flash Point:</b>	>81°C (150-200°F)
<b>Extinguishing Media:</b>	Water spray, foam, dry chemical or CO <sub>2</sub>
<b>Special Fire Fighting Procedures:</b>	Wear self contained breathing apparatus
<b>Unusual Fire/Explosion Hazards:</b>	No applicable information found.
<b>Hazardous Thermal</b>	
<b>Decomposition Products:</b>	Irritating organic vapors may be formed.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Small spill:</b>	Absorb with an inert material and place in an appropriate waste disposal container.
<b>Large spill:</b>	Extinguish all sources of ignition. Stop spill or leak at source. Dike if necessary. Absorb with an inert material and place in an appropriate waste disposal container.
<b>Release notes:</b>	Keep spilled material from entering storm drains, sewers or other environmental mediums.
<b>Comments:</b>	Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	To avoid fire, eliminate ignition sources. Avoid contact with eyes, skin and clothing. In case of insufficient, ventilation, wear suitable respiratory equipment. May react in presence of moisture. May react or be incompatible with alkalis. Wash thoroughly after handling.
<b>Storage:</b>	Contains moisture sensitive material. Store in a dry, cool, well-ventilated area. Keep away from sources of heat and ignition. Keep container tightly closed when not in use. Store between 5-25°C.
<b>Comments:</b>	Rapid polymerization occurs upon contact with water or alkaline substances. As a result, heat is generated. Skin inflammation or burns may occur upon contact during this polymerization.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<b>Eye Protection:</b>	Safety goggles / glasses suitable for use with chemicals.
<b>Respiratory Protection:</b>	Always use appropriate filter mask / respirator.
<b>Skin Protection:</b>	Nitrile / polyethylene gloves, coveralls, avoid cotton products.
<b>Ventilation:</b>	Good general or local exhaust ventilation is required for usage.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Color:</b>	Water white / straw colored
<b>Odor:</b>	Sharp, irritating
<b>Solubility in Water:</b>	Immiscible in water
<b>Boiling Point:</b>	>100°C
<b>Specific Gravity @ 25°C:</b>	1.1
<b>Vapor Pressure @ 25°C:</b>	<0.5mm Hg
<b>V.O.C. Content:</b>	<20g/l estimated (California SCAQMD Method 316B)

## 10. REACTIVITY AND STABILITY

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	No
<b>Incompatibility:</b>	Reactive with alkalis, oxidizing agents, reducing agents, amines, alcohols and water.
<b>Conditions to Avoid:</b>	No applicable information found
<b>Hazardous Decomposition</b>	
<b>Products:</b>	No applicable information found.

## 11. TOXICOLOGICAL INFORMATION

<b>Estimated Oral LD50:</b>	>5000 mg kg
<b>Estimated Dermal LD50:</b>	>2000 mg kg
<b>Estimated Inhalation LC50:</b>	>4000 mg kg

Causes Severe Irritation. High concentrations are destructive to tissues of the mucous membranes and the upper respiratory tract.

## 12. ECOLOGICAL INFORMATION

No applicable information found.

## 13. DISPOSAL CONSIDERATIONS

Cyanoacrylates must be disposed of in accordance with all national and local regulations.

## 14. TRANSPORTATION INFORMATION

Not considered hazardous for the purpose of transportation.

## 15. REGULATORY INFORMATION (NOT MEANT TO BE ALL INCLUSIVE)

### TSCA

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

### California Proposition 65

No California Proposition 65 listed chemicals are known to be present

### Canada DSL

All ingredients of this product are listed, or are exempt from listing, on the Canada DSL.



### Risk Phrases

R36/37/38 Irritating to eyes, respiratory system and skin

### Safety Phrases

S2 Keep out of reach of children.

S23 Do not breathe fumes.

S24 Avoid contact with skin

S25 Avoid contact with eyes

S26 In case of emergency rinse immediately with plenty of water and seek medical advice.

S46 If swallowed, seek medical advice immediately and show this container or label.