Material Safety Data Sheet

Date Prepared: Nov. 1, 2007 Data revised: 1st edition

1. IDENTIFICATION OF SUBSTANCE /PREPARATION/ AND THE COMPANY

Product name: Gorilla Super Glue

Product description: Cyanoacrylate adhesive—bottle package

Distributor: The Gorilla Glue Company
4550 Red Bank Expressway
Cincinnati, OH 45227
Tel: (513) 271-3300
Fax: (513) 527-3742

Emergency: During business hours: The Gorilla Glue Company: (800) 966-3458.
Outside business hours: Prosar International Poison Center: (800) 420-7186

2. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

Ingredients:	OSHA PEL	ACGIH TLV	Other Limits
Modified Cyanoacrylate	N/A	0.2ppm (TWA)	0.3ppm (Steel)

3. HAZARDS IDENTIFICATION

Emergency overview

Immediate concerns: Combustible. 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. Removed 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 id difficult, give oxygen. Get medical attention.
Notes to physician:	Cured adhesive does not pose a health risk.

5. FIRE FIGHTING MEASURES

Flash Point:	>81°C (150-200°F)
Extinguishing Media:	Water spray, foam, dry chemical or CO2
Special Fire Fighting Procedures:	Wear self contained breathing apparatus
Unusual Fire/Explosion Hazards:	No applicable information found.
Hazardous Thermal Decomposition Products:	Irritating organic vapors may be formed.

6. ACCIDENTAL RELEASE MEASURES

Small spill:	Absorb with an inert material and place in an appropriate waste disposal containter.
Large spill:	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.
Release notes:	Keep spilled material from entering storm drains, sewers or other environmental mediums.
Comments:	Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations.

7. HANDLING AND STORAGE

Handling:	To avoid fire, minimize 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 alkalies. Wash thoroughly after handling.
Storage:	Contains moisture sensitive material. Store in a dry, cool, well-ventilated area. Keep away from sources of heat and ignition. Keep containter tightly closed when not in use. Store between 5-25°C.
Comments:	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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Water white / straw colored
Odor:	Sharp, irritating
Solubility in Water:	Immiscible in water
Boiling Point:	>100°C
Specific Gravity @ 25°C:	1.1
Vapor Pressure @ 25°C:	<0.5mm Hg
V.O.C. Content (EPA Method 24):	81.6%

10.REACTIVITY AND STABILITY

Stability:	Water will cause polymerization
Hazardous Polymerization:	Yes
Incompatibility:	Reactive with alkalis, oxidizing agents, reducing agents, amines, alcohols and water.
Conditions to Avoid:	No applicable information found
Hazardous Decomposition Products:	No applicable information found.

11.TOXICOLOGICAL INFORMATION

Estimated Oral LD50:	>5000 mg kg
Estimated Dermal LD50:	>2000 mg kg
Estimated Inhalation LC50:	>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

DOT (Department of Transportation)

Proper Shipping Name:	Unrestricted (Not more than 450 liters); Combustible liquids, n.o.s. (cyanoacrylate) (More than 450 liters)
Primary hazard class/division:	Unrestricted (Not more than 450 liters)
UN/NA number:	NA1993
Packaging group:	III

Air (ICAO/IATA)

Shipping name:	Aviation regulated liquid. N.O.S. (contains ethyl 2-cyanoacrylate)
UNA/NA number:	UN3334
Primary hazard class/division:	9