



SAFETY DATA SHEET – Gorilla Super Glue

Date Revised: April 24, 2015 1st Edition

FOR CHEMICAL EMERGENCY:

During Business Hours: (800) 966-3458 | Outside Business Hours: (800) 420-7186

Product Name Gorilla Super Glue
Synonyms: Ethyl Cyanoacrylate Adhesive
Intended Use of the product: Adhesive for metal, wood, ceramics, leather, paper, most plastics and more
Distributor The Gorilla Glue Company
4550 Red Bank Expressway
Cincinnati, OH 45227
Tel: (513) 271-3300
Fax: (513) 527-3742
Emergency Telephone Number: 1-800-420-7186 (Prosar)

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable Liquid: Category 4
Skin irritation: Category 2
Eye irritation: Category 2A
Specific target organ toxicity – single exposure: Category 3

GHS Labeling



Hazardous Symbols:

Signal Word: Warning

Hazardous Statements: Combustible Liquid.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

Precautionary Statements:

Prevention: Keep away from extremely high or low temperatures, ignition sources, and incompatible materials – No smoking.
Avoid breathing mist, vapors or spray.
Use only outdoors or in a well-ventilated area.
Wash skin and face thoroughly after handling.

Response: IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.



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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a doctor or emergency medical facility if you feel unwell.
- Storage: Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
- Disposal: Dispose of contents and container in accordance with existing federal, state, and local environmental control laws.

Other Hazards: 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. Contains Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of reach of children.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	Concentration	Classification
Ethyl Cyanoacrylate	7085-85-0	86-100 %	Flammable Liquid Cat 4 Skin irrit. Cat 2 Eye irrit. Cat 2A STOT-SE Cat 3

4. FIRST AID MEASURES

- Eyes** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
- Skin** Remove contaminated clothes immediately. Wash skin with plenty of water and soap. Consult a doctor in the event of a skin reaction. Wash contaminated clothing before reuse.
- Ingestion** Product is not intended to be ingested or eaten. Rinse mouth. Do not induce vomiting. Call a doctor, or POISON CENTER immediately.
- Inhalation** Remove person to fresh air. Seek medical attention if symptoms persist.
- Advice to Physicians** Treat symptomatically.

5. FIRE- FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Carbon dioxide, dry powder, and alcohol resistant foam.

Unsuitable Extinguishing Media: High volume water jet.

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Not Flammable.

Explosion Hazard: Product is not explosive.

Reactivity: 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. May react with strong oxidizers, increasing the risk of fire or explosion.



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Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting instructions: Do not allow run off to enter drains or water courses.

Protection during Fire Fighting: Wear proper protective equipment including respiratory protection.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, oxides of Nitrogen

Reference to other sections: See Section 9 – Flammability properties

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear appropriate protective clothing. Do not get in eyes, on skin or on clothing.

Environmental Precautions

Prevent the material from entering drains or watercourses.

Methods for Containment and Clean-up

Pick up and transfer into suitable container for recovery or disposal.

7. HANDLING AND STORAGE

Precaution for Safe Handling

Handle in accordance with good industrial hygiene and safety procedures. Use with adequate ventilation.

Wash hands and exposed areas with mild soap and water before eating, drinking, or smoking.

Conditions for Safe Storage

Keep out of reach of children and animals. Storage area should be: - cool - dry - well ventilated – out of direct sunlight - away from incompatible materials

Incompatible Materials: Water, Strong acids, Strong bases, Strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

Ethyl cyanoacrylate CAS# 7085-85-0

US ACGIH Threshold Limit Values: 0.2 ppm Time Weighted Average

Engineering Control Measures

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limits. Ensure all national / local regulations are observed.

Personal Protective Measures

Respiratory Protection: Use a NIOSH- approved respirator or a self-contained breathing apparatus whenever exposure levels exceed the Occupational Exposure Limits.

Skin / Body Protection: Wear suitable protective clothing.



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Eye / Face Protection: Wear safety glasses / goggles.

Hand Protection: Wear chemical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	pH	Not applicable
Color	White, Straw	Density (g/cm³)	1.1
Odor	Sharp, Irritating	Specific Gravity	1.1
Odor Threshold	No data available	Melting Point (°C/F)	No data available
Boiling Range/Point (°C/F)	>100°C (212°F)	Vapor Pressure	<0.5 mmHg at 25°C
Flash Point (PMCC) (°C/F)	>81°C (> 177.8°F)	Solubility in Water	Negligible
Evaporation Rate (BuAc=1)	No data available	Viscosity	No data available
Vapor Density (Air = 1)	No data available	Auto-Ignition Temperature	No data available
VOC (g/l)	No data available	Decomposition Temperature	No data available
VOC (%)	No data available	Upper Explosive Limit	No data available
Partition Coefficient (n-octanol/water)	No data available	Lower Explosive Limit	No data available
Flammability (solid / gas)	Not applicable		

10. STABILITY AND REACTIVITY

Reactivity

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. May react with strong oxidizers, increasing the risk of fire or explosion.

Chemical Stability

Stable under normal conditions of use and storage.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Direct Sunlight – high and low temperatures – contact with incompatible materials

Incompatible Materials

Water - Acids – bases – strong oxidizers

Hazardous Decomposition Products

Oxides of carbon – oxides of nitrogen – cyanides

11. TOXICOLOGICAL INFORMATION

Product – based on polymeric MDI

Acute Toxicity

Not classified



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Specific Target Organ Systemic Toxicity (STOT single exposure)

May cause respiratory irritation

Serious Eye damage / Eye Irritation

Causes serious eye irritation

Skin Corrosion/Irritation

Causes skin irritation

Respiratory or Skin Sensitization

Not classified

Carcinogenicity

Not classified

Germ Cell Mutagenicity

Not classified

Aspiration Hazard

Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Mobility in Soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bio-accumulation Potential

Not expected to bioaccumulate

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data Not Regulated.

UN Proper Shipping Name Not Regulated.

UN Class None.

UN Number None.

UN Packaging Group None.

Classification for AIR Consult current IATA regulations prior to shipping by air.

Transportation (IATA)

Sea Transport (IMDG) Not Regulated.

Environmental Hazards Not a marine pollutant.



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15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SARA Title III Sect. 311/312 Categorization

Immediate Acute Health Hazard

State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

New Jersey Right to Know Substance Lists:

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
86 - 100 %	Ethyl cyanoacrylate	7085-85-0

16. OTHER INFORMATION

Abbreviations

CAS#: Chemical Abstracts Service Number

Irrit.: Irritant

ppm – parts per million

RTK – Right to Know

The information presented in this Safety Data Sheet was prepared by qualified personnel and to the best of our knowledge is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for this purpose. This data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which The Gorilla Glue Company assumes legal responsibility. The data is submitted for the user's information and consideration only. Any use or disposal of this product must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.