

Safety Data Sheet

1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Details

Trade Name: SUPER GLUE

Synonyms: POWER GLUE; FIXTOUT GLUE SET; CYANOACRYLATE ADHESIVE; ETHYL α -CYANOACRYLATE ADHESIVE; ADHESIVE 502

2. Hazards Identification

2.1 Classification

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin Corrosion/Irritation Category 2

Serious eye damage/eye irritation Category 2

Specific target organ toxicity, single exposure: Respiratory tract irritation Category 3

2.2 Label Elements

Labeling according to Regulation (EC) No 1272/2008 [CLP]

Pictogram(s):



Signal Word: Warning

Hazard Statement(s):

H315 Cause mild skin irritation.

H319 Cause serious eye irritation.

H335 May cause respiratory irritation.

Precautionary Statement(s):

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P312 CALL a POISON CENTER or doctor/physician if you feel unwell.

P302+P352+P362 IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing

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and wash before reuse.
P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
P403+P233 *Store in a well-ventilated place. Keep container tightly closed.*

2.3 Other hazards

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

3. Composition/Information on Ingredients

Chemical Characterization:

Description: Mixture: consisting of the following components.

Chemical Name	CAS#	EC# (EINECS#)	Weight %	CLP Classification
Ethyl-2-cyanoacrylate	7085-85-0	230-391-5	95-99	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335
PMMA	9011-14-7	265-191-7	1-5	Not classified

4. First-Aid Measures

Eye Contact: *Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.*

Skin Contact: *Wash with soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Consult a physician.*

Inhalation: *If breathed in dense vapor, move person into fresh air. If not breathing give artificial respiration. Consult a physician.*

Ingestion: *Do NOT induce vomiting. If individual is conscious, give two glasses of milk or water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get medical attention.*

5. Fire-Fighting Measures

Flammability of the Product: *Non-flammable.*

Suitable Extinguishing Media: *Use dry chemical powder, dry sand and carbon dioxide.*

Special Extinguishing Steps for Fire-Fighters: *Shut down the electrical power and isolation all flammable materials if it may control, use foam or carbon dioxide extinguisher to extinguishing the fire from upwind. Use water to reduce the temperature of the container.*

Protective Equipment for Fire-Fighters: *Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.*

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6. Accidental Release Measures

Personal Precautions: Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate of ignition. Ensure adequate ventilation.

Precautions to Protect the Environment: Should not be released into the environment. Prevent the product from entering drains. If large quantities enter a waterway, advise local authorities.

Methods for Cleaning Up:

Embank with sands or felt. Absorb with dry sands, then use a non-sparking tools collect the waste in a suitable waste container for covering treatment.

7. Handling and Storage

Handling: Keep away from sources of ignition. No smoking. Use only at well-ventilated area. Avoid contact with eyes and /or skin. Avoid breath in gas or vapor.

Storage: Keep container in a cool, dry and well-ventilated area at normal temperature. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Avoid produce of electrical spark. Storage away from sunshine or frost. Store locked up.

8. Exposure Controls/Personal Protection

Exposure Limit(s):

Ethyl 2-cyanoacrylate (CAS# 7085-85-0): EH40: OEL-STEL=0.3ppm.

OEL-STEL= 1.5mg/m³.

DNEL/PNEC: No data available.

Engineering Controls: No special ventilation is needed for normal use.

Personal Protective Equipment:

Respiratory Protection: Wear a CE mask if necessary.

Eye Protection: Recommended: Safety glasses.

Hand Protection: Wear plastic or rubber gloves.

Skin and Body Protection: Recommended: Lab coat, hat and boots.

Hygiene Measures: Avoid contact with skin, eyes and clothing. Wash hands immediately after handling the product.

9. Physical and Chemical Properties

General Information

Form:	Viscous liquid
Color:	Transparent and colorless
Odor:	Moderately irritant odor

PH: N/A

Melting Point/Range:	N/A
Boiling Point/Range:	N/A
Flash Point:	N/A
Flammable:	Non-flammable
Explosion Limits in Air :	N/A
Auto-ignition Temperature:	N/A
Decomposition temperature:	N/A
Evaporation Rate:	N/A
Vapor Pressure:	N/A
Specific Vapor Density(Air=1):	N/A
Specific Gravity(Water=1):	>1
Solubility in Water:	N/A
Partition coefficient(n-octanol/ water):	N/A
Viscosity:	N/A

10. Stability and Reactivity

Reactivity: No data available.

Stability: The product is stable under suggest condition.

Incompatible Materials: Alkalis, water, organic solvents.

Conditions to Avoid: Avoid exposure to heat, sparks and open flame. Keep away from air, sunlight, frost.

Hazardous Decomposition Products: Carbon oxides, cyanides, toxic fog and mist.

Hazardous Polymerization: Has not been reported.

11. Toxicological Information

Acute Toxicity:

Ethyl 2-cyanoacrylate (CAS# 7085-85-0): LD50>5000 mg/kg (Oral, Rat);

LD50>2000 mg/kg (Dermal, Rabbit).

Skin Corrosion/Irritation: No data available.

Serious Eye Damage/Eye Irritation: No data available.

Respiratory or Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: Not contained any ingredients at a concentration of 1.0% or more that are listed as carcinogen by IARC.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity - Single Exposure: May cause respiratory irritation.

Specific Target Organ Toxicity - Repeated Exposure: No data available.

Aspiration Hazard: No data available.

12. Ecological Information

Toxicity: No data available.

Persistence and Degradability: It polymerizes rapidly on contact with moisture. Therefore, biodegradation is not a relevant environmental fate process for this substance

Bioaccumulative Potential: Bioconcentration in aquatic organisms is not a relevant environmental process for this substance

Mobility in Soil: movement of this product through soil will be hindered by its rapid polymerization as it comes into contact with moisture or other weakly basic substances

Other Adverse Effects: This product is not expected to cause environmental contamination.

13. Disposal Considerations

Product

Waste must be disposed of in accordance with relevant EC Directives and national, regional and local environmental control regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Contaminated Packaging

Dispose of as unused product.

14. Transport Information

Land Transport ADR/RID

Not regulated for transport or dangerous goods.

Maritime Transport IMDG

Not regulated for transport or dangerous goods.

Air Transport IATA/ICAO

Not regulated for transport or dangerous goods.

15. Regulatory Information

1. Regulation (EC) 1907/2006/EC concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency.

2. Regulation (EC) No 1272/2008 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labeling of dangerous preparations.

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16. Other Information

Glossary

CAS# - Chemical Abstract Service Number

STEL - Short-term exposure limit (15-minute reference period)

IARC - International Agency for Research on Cancer

LD50 - Lethal Dose/Concentration kill 50%

Further Information:

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- This safety data sheet was prepared in accordance with REACH (EC) No 1907/2006, and Annex II and Regulation (EC) No. 1272/2008 (CLP) -Europe.

Department Issuing SDS: TAIZHOU CITY JIAOJIANG TAIJI(TIKEY) ADHESIVE FACTORY

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This SDS Service is provided by ZHEJIANG LANDER STANDARD TECHNOLOGY CO., LTD.

Signed for and on behalf of

Lander Testing Lab

Xuanhong Yu

Xuanhong Yu

Chemistry Lab Engineer

Date: October 14, 2015



*****End*****

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