

NO.2621010201



中国认可  
检验  
INSPECTION  
CNAS IB0071



NO.2621010201

# SAFETY DATA SHEET

**Product Name:** SUPER GLUE, CYANOACRYLATE ADHESIVE,  
BOND, ADHESIVE

**Effective Date:** 2021-02-04

**Compiler:** He Xiaoshuang

**Checker:** Liu Lintan

**Approver:** Zhangxiangjin

Shanghai Institute of Chemical Industry Testing Co., Ltd.



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**ZHEJIANG JIUERJIU CHEMICALS CO.  
LTD**

**SAFETY DATA SHEET**

**SUPER GLUE, CYANOACRYLATE ADHESIVE, BOND, ADHESIVE**

**SECTION1 PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** SUPER GLUE, CYANOACRYLATE ADHESIVE, BOND, ADHESIVE  
**Company:** ZHEJIANG JIUERJIU CHEMICALS CO. LTD  
**Address:** No. 729, Fengming Road, Petrochemical Economic and Technological Development Zone, Zhenhai District, Ningbo City, Zhejiang Province, 315204, P.R.China  
**Email:** 282714166@qq.com  
**Fax:** 86-574-86503929  
**Emergency Phone:** 86-574-86502929  
**Recommend use of the chemical and restrictions on use:** Used as an adhesive. Suitable for non-porous surfaces such as plastic, metal, rubber, leather, wood, etc.Do not eat.  
**SDS Number:** 2621010201  
**Effective Date:** 2021-02-04

**SECTION2 HAZARDS IDENTIFICATION**

**Emergency Overview:**

Colorless viscous liquid, weak odor. Combustible liquid. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

**GHS Classification:**

According to GB 13690-2009 General Rules of Classification and Hazard Communication for Chemicals and GB 30000.02-29 Rules of Classification and Labels for Chemicals, the product is classified:

Flammable liquids Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Specific target organ toxicity-Single exposure Category 3 (Respiratory tract irritation)

The hazards not mentioned are not applicable or no data available.

**Label Elements:**

**Pictogram:**



**Signal Word:**  
Warning

**Hazard Statements:**  
H227 Combustible liquid.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**Precautionary Statements:**

**Prevention Precautionary Statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash thoroughly after handling.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.

**Response Precautionary Statements:**

P370+P378 In case of fire: Use Dry chemical, Water spray, Carbon dioxide or appropriate foam to extinguish.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it 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.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER/doctor if you feel unwell.

**Storage Precautionary Statements:**

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

**Disposal Precautionary Statements:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**Physical and Chemical Hazards:**

Combustible liquid.

**Health Hazards:**

Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

**Environmental Hazards:**

No data available.

**Other Hazards:**

No data available.

### SECTION3 INFORMATION ON INGREDIENTS

NO.2621010201

**Product name:** SUPER GLUE, CYANOACRYLATE ADHESIVE, BOND, ADHESIVE

<b>Ingredient</b>	<b>Concentration</b>	<b>CAS No.</b>	<b>EC No.</b>
<b>Mixtures:</b>			
Ethyl cyanoacrylate	90-100%	7085-85-0	230-391-5
Methacrylic acid methyl ester polymers	0-10%	9011-14-7	618-466-4

#### SECTION4 FIRST-AID MEASURES

##### **First Aid:**

##### **Inhalation Exposure:**

If inhaled, remove to fresh air immediately. If feel unwell, Call a physician.

##### **Skin Exposure:**

Wash skin with soap and copious amounts of water. If irritation persists, call a physician.

##### **Eye Exposure:**

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

##### **Oral Exposure:**

If the person is conscious, rinse mouth with warm water. Call a physician.

##### **Most Important Symptoms and Health Effects:**

No data available.

##### **Advice for Protecting First-aid Responders:**

Wear personal protective equipment.

##### **Special Notes to Physicians:**

No data available.

#### SECTION5 FIRE FIGHTING MEASURES

##### **Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam. Unsuitable: Avoid using direct water. Direct water may cause the splash of flammable liquid which will spread the fire.

##### **Special Hazards:**

Combustible liquid. May decompose upon combustion or in high temperatures to generate Carbon oxides, nitrogen oxides.

##### **Fire Precautions and Protective Measures:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place. Isolate the accident site. Remove all ignition sources.

#### SECTION6 ACCIDENTAL RELEASE MEASURES

**Personnel Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Cut off the source of the leakage as far as possible. Remove all ignition sources. Keep away from or be upwind of leakage or spillage area. Unnecessary personnel are prohibited from entering.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Do not enter into drains.

**Methods and Materials for Containment and Cleaning up:**

Small leakage: Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete. Large leakage: Construct dikes or dig pits. Cover with foam to reduce evaporation. Clear up under the guidance of experts.

**Prevention of Secondary Disasters:**

Prevent the leakage from entering into sewers, surface water and groundwater.

**SECTION7 HANDLING AND STORAGE**

**Handling:**

Operators should be trained and strictly abide by operating procedures. Wear anti-electronic clothing and compatible protective gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of vapour or mist. Keep away from ignition sources, heat and flame. No smoking at working site. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Oxidizing agents, water, amines, alcohols, alkali metals, reducing agents, strong bases, combustible materials. Take measures to prevent the build up of electrostatic charge. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Wash hands and face thoroughly after handling. Load and unload with care to prevent the packaging from breaking and damp and causing losses while handling. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

**Storage:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Oxidizing agents, water, amines, alcohols, alkali metals, reducing agents, strong bases, combustible materials. Storage place should be equipped with appropriate varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment.

**SECTION8 EXPOSURE CONTROL/PPE**

**Occupational Exposure Limits:**

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical

Hazardous Agents: Not set up

ACGIH:

Ethyl cyanoacrylate: TLV-TWA 0.2ppm

**Biological Limits:**

No data available.

**Monitoring Methods:**

No data available.

**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Personal Protective Equipment:**

**Respiratory Protection:**

Wear government approved respirator.

**Hand Protection:**

Wear compatible protective gloves.

**Eye Protection:**

Wear chemical safety glasses.

**Skin and Body Protection:**

Wear anti-electronic clothing.

**Other Measures:**

No smoking, drinking and eating at working site. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES****Appearance:** Colorless viscous liquid.**Odor:** Weak odor.**Odor Threshold:** No data available.**pH Value:** Not applicable.**Melting** Not applicable.**Point/Freezing****Point:****Boiling Point,** No data available.**Initial Boiling****Point and Boiling****Range:****Flash Point** 81.0°C**(Closed Cup):****Upper/Lower** No data available.**Flammability or****Explosive Limits:****Vapor** No data available.**Pressure/Saturat****ed Vapor****Pressure:****Vapor** No data available.**Density/Relative****Vapor Density:****Density/Relative** No data available.**Density:****Solubility:** Immiscible in water.**Octanol/Water** No data available.**Partition****Coefficient:****Autoignition** No data available.**Temperature:****Decomposition** No data available.**Temperature:****Heat of** No data available.**Combustion:****Evaporation Rate:** No data available.**Flammability** Not applicable.**(Solid, Gas):****Viscosity:** No data available.

**Critical** No data available.  
**Temperature:**  
**Critical** No data available.  
**Pressure:**

## SECTION10 STABILITY AND REACTIVITY

### Stability:

Stable under normal temperatures and pressures.

### Hazardous Reactions:

No data available.

### Conditions to Avoid:

Heat, flames and sparks. Extremes of temperature.

### Incompatible Materials:

Oxidizing agents, water, amines, alcohols, alkali metals, reducing agents, strong bases, combustible materials.

### Hazardous Decomposition Products:

Carbon oxides, nitrogen oxides.

## SECTION11 TOXICOLOGICAL INFORMATION

### Acute Toxicity:

Ethyl cyanoacrylate:

LD<sub>50</sub> Oral - Rat - > 5000 mg/kg (OECD Test Guideline 401)

LD<sub>50</sub> Dermal - Rabbit - > 2000 mg/kg (OECD Test Guideline 402)

### Skin Corrosion/Irritation:

Causes skin irritation.

### Serious Eye Damage/Irritation:

Causes serious eye irritation.

### Respiratory Sensitization:

No data available.

### Skin Sensitization:

No data available.

### Germ Cell Mutagenicity:

No data available.

### Carcinogenicity:

No data available.

### Reproductive Toxicity:

No data available.

### Specific Target Organ Toxicity -Single Exposure:

No data available.

### Specific Target Organ Toxicity - Repeated Exposure:

No data available.

### Aspiration Hazard:

No data available.

## SECTION12 ECOLOGICAL INFORMATION

### Ecotoxicity:

No data available.

### Persistence and Degradability:

No data available.

### Potential Bioaccumulation:

No data available.

**Mobility in Soil:**

No data available.

**SECTION13 DISPOSAL CONSIDERATION****Waste Chemicals:**

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers.

**Contaminated Packaging:**

Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations.

**Disposal Precautions:**

Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

**SECTION14 TRANSPORT INFORMATION****International****Regulations:**

RID/ADR (2019 Edition) : The product is not subject to RID/ADR.

IATA DGR (62<sup>nd</sup> Edition) : The product is not subject to IATA DGR.

IMO IMDG CODE (2018 Edition) : The product is not subject to IMO IMDG CODE.

**Domestic****Regulations:**

List of Dangerous Goods by Rail (2009 Edition) : The product is not subject to List of Dangerous Goods by Rail.

Regulations Concerning Road Transportation of Dangerous Goods (JT/T 617-2018) : The product is not subject to Regulations Concerning Road Transportation of Dangerous Goods.

**Precautions for Transportation:** Transport with Oxidizing agents, water, amines, alcohols, alkali metals, reducing agents, strong bases, combustible materials and food is strictly prohibited. Ensure that the container does not leak, collapse, fall, or be damaged during transportation. Protect against exposure to sun, rain and high temperatures. Stay away from fire, heat sources, and high-temperature areas during stopover. Vehicles should be equipped with appropriate varieties and quantities of fire-fighting equipment and leakage emergency treatment equipment. When transport by road, follow the prescribed route and prohibit staying in residential areas and densely populated areas. When transport by rail, it is forbidden to coast.

**SECTION15 REGULATORY INFORMATION**

The following laws, regulations, rules and standards have made corresponding provisions on the management of this product:

**Regulations on Safety Administration of Dangerous Chemicals:**

Catalogue of Hazardous Chemicals (2015 Edition) : Not listed

List of Hazardous Chemicals Liable to Produce Explosives (2017 Edition) : Not listed

List of Hazardous Chemicals under Key Supervision (2011 and 2013 Edition) : Not listed

**List of Dangerous Goods (GB 12268-2012) :**

The product is not subject to GB 12268-2012.

**Regulations on Administration of Precursor Chemicals:**

Classification and Catalogue of Precursor Chemicals (2018 Edition) : Not listed

**Measures for Environmental Administration of Registration of New Chemical Substances:**

Inventory of Existing Chemical Substances in China (2013 and supplements Edition) : All ingredients in the product are listed.

**International Convention:**

Stockholm Convention: Not listed

Rotterdam Convention: Not listed

Montreal Protocol: Not listed

**SECTION16 OTHER INFORMATION****Preparation Date:**

2021-02-04

**Preparation Department:**

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.

Tel(Fax): +86-21-52815377/31765555

**Revision:**

0

**Reference Standard:**

GB/T 16483-2008 Safety Data Sheet for Chemical Products - Content and Order of Sections (GB/T 17519-2013 Guidance on the Compilation of Safety Data Sheet for Chemical Products)

**Abbreviation and Acronyms:**

CAS: Chemical Abstracts Service EC: European Commission TLV-TWA: Threshold limit value-time weighted average ACGIH: American Conference of Governmental Industrial Hygienists LD<sub>50</sub>: Lethal dose, 50% OECD: Organization for Economic Cooperation and Development ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code IATA DGR: International Air Transport Association Dangerous Goods Regulations

**Other Information:**

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.