



中国认可
检验
INSPECTION
CNAS IB0071



NO.2622030237

SAFETY DATASHEET

Product Name: α-Cyanoacrylate Adhesive; Super Glue; Glue

Effective Date: 2022-05-07

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Checker: Liu Linlin

Approver: Zhangxiangjin



Shanghai Institute of Chemical Industry Testing Co., Ltd.



Jiangxi Avatar Glue Co.,Ltd

SAFETY DATA SHEET

 α -Cyanoacrylate Adhesive;Super Glue;Glue

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: α -Cyanoacrylate Adhesive;Super Glue;Glue
Company: Jiangxi Avatar Glue Co.,Ltd
Address: Building C3, Small and Micro Venture Park, Furongshan Industrial Park,
Duchang County, Jiujiang City, Jiangxi Province, 332600, P. R. China
Email: dgs@avatarglue.com
Fax: /
Emergency Phone: 86-792-5171132
Recommend use of the chemical and restrictions on use: Used for metal, rubber, leather, ceramic, wood
and other self or mutual bonding. Not edible, for professional use only.
SDS Number: 2622030237
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SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:

Flammable liquids Category 4

Health Hazards:

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2

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

Environmental Hazards:

Classification not possible

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.

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/hearing protection.
- P264+P265 Wash hands thoroughly after handling. Do not touch eyes.
- P261 Avoid breathing 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+P317 If skin irritation occurs: Get medical help.
- 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+P317 If eye irritation persists: Get medical help.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P319 Get medical help 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.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTSProduct name: α -Cyanoacrylate Adhesive;Super Glue;Glue

Ingredient	Concentration	CAS No.	EC No.
Mixtures:			
Ethyl 2-cyanoacrylate	98%	7085-85-0	230-391-5
Poly (methyl methacrylate)	2%	9010-88-2	618-459-6

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of skin contact, flush with 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.

Inhalation Exposure:

If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

No data available.

SECTION5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Specific Hazards Arising from the Chemical:

Combustible liquid. Take care as it may decompose upon combustion or in high temperatures to generate carbon oxides, nitrogen oxides.

Special Protective Action for Fire-fighters:

Firefighters should wear self-contained breathing apparatus and protective clothing to prevent to contact with skin and eyes. Fire-extinguishing work is done from the windward. Isolate the accident area. Entry to noninvolved personnel should be controlled. Cool the container down with water spray until the fire is put out. Move the container from the fire to the open space as much as possible.

SECTION6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapor or mist. Keep people away from and upwind of leakage or spillage. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

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.

SECTION7 HANDLING AND STORAGE

Precautions for Safe Handling:

Operators should be trained and strictly abide by operating procedures. Wear anti-static clothing and anti-static gloves. Avoid inhalation. Avoid contacting with eyes, skin and clothing. Prevent generation of vapour or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. No smoking at working site. Take measures to prevent electrostatic discharge. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Incompatibilities: reducing agents, water, amines, alcohols, alkali metals, strong oxidizing agents. Wash hands and face thoroughly after handling. Load and unload gently when handling. Prevent the package from breaking and getting damp so as to cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including any Incompatibilities:

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

SECTION8 EXPOSURE CONTROL/PPE

Control Parameters:

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

Hazardous Agents:

Not set up

ACGIH:

Not set up

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual Protection Measures:

Eye/Face Protection:

Wear chemical safety glasses.

Skin Protection:

Body Protection: Wear anti-static clothing.

Hand Protection: Wear anti-static gloves.

Respiratory Protection:

Wear government approved respirator.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Colorless transparent viscous liquid
Odor:	Weak penetrating odor
pH Value:	Not applicable
Solubility:	Immiscible in water
Melting Point/Freezing Point:	Not applicable

Boiling Point, Initial Boiling Point and Boiling Range:	No data available
Flash Point (Closed Cup):	86.0°C
Density/Relative Density:	No data available
Kinematic Viscosity:	No data available
Lower/Upper Explosion Limit/Flammability Limit:	No data available
Vapour Pressure:	No data available
Relative Vapor Density:	No data available
Partition Coefficient N-Octanol/Water (Log Value):	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	No data available
Particle Characteristics:	Not applicable
Flammability (Solid, Gas):	Not applicable

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

No data available.

Incompatible Materials:

Reducing agents, water, amines, alcohols, alkali metals, strong oxidizing agents.

Hazardous Decomposition Products:

Carbon oxides, nitrogen oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ethyl 2-cyanoacrylate: Rat-oral-LD₅₀: > 5000 mg/kg (OECD Test Guideline 401)

Skin Corrosion/Irritation:

Ethyl 2-cyanoacrylate: Skin - Rabbit Result: Mild skin irritation - 24 h (OECD Test Guideline 404).
This product causes skin irritation.

Serious Eye Damage/Irritation:

Ethyl 2-cyanoacrylate: Eyes - Rabbit Result: Irritating to eyes. - 72 h (OECD Test Guideline 405).
This product 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:

May cause respiratory irritation.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION**Toxicity:**

No data available.

Persistence and Degradabil:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Disposal Methods:**

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

RID/ADR (2021 Edition): The substance is not subject to RID/ADR.

IATA DGR (63rd Edition): The substance is not subject to IATA DGR.

IMO IMDG Code(2020 Edition): The substance is not subject to IMO IMDG Code.

Environmental Hazards: No.
 Special Precautions for User: No data available.
 Transport in Bulk: Not applicable.
 according to Annex II of MARPOL 73/78 and the IBC Code:

SECTION15 REGULATORY INFORMATION

Montreal Protocol:
 Not listed.

Stockholm Convention:
 Not listed.

Rotterdam Convention:
 Not listed.

EINECS/ELINCS:
 Ethyl 2-cyanoacrylate in the product is listed.

TSCA:
 All ingredients in the product are listed.

IECSC:
 All ingredients in the product are listed.

SECTION16 OTHER INFORMATION

Preparation Date:
 2022-05-07

Preparation Department:
 Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
 Tel(Fax): +86-21-52815377/31765555

Revision:
 0

Reference Standard:
 GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 9th revised edition

Abbreviation and Acronyms:

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists LD₅₀: 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 MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China

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.

