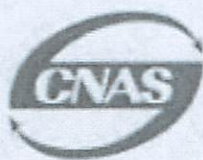




NO.2612050020



检查
CNAS IB0071



(2009) 国安监检字 06034

MATERIAL SAFETY DATA SHEET

Product Name: Super glue, Cyanoacrylate Adhesive

Revision Date: 2012-06-04

Compiler: Liu Linlin

Checker: Fengzhuo

Approver: Zhangxiaojin



Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Administration of Work Safety



Zhejiang JiuErJiu Chemicals Co., Ltd.

SAFETY DATA SHEET

Super glue, Cyanoacrylate Adhesive

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Super glue, Cyanoacrylate Adhesive
 Company: Zhejiang JiuErJiu Chemicals Co., Ltd.
 Address: No.729 Fengming Road, Ningbo Chemical Industrial Zone, Ningbo, Zhejiang Province, 315204, P.R.China
 Email: sales@929glue.com
 Fax: 86-574-86505939
 Emergency Phone: 86-13989302075
 SDS Number: 2612050020
 SDS Date: 2012-06-04

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

Classification according to GHS:
 Flammable liquid (Category 4)
 Eye irritation (Category 2)
 Serious eye damage/eye irritation (Category 2A)
 Specific target organ toxicity - single exposure (Category 3)
 Acute aquatic toxicity (Category 2)

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

Emergency Overview:

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Toxic to aquatic life.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Super glue, Cyanoacrylate Adhesive

Ingredient	Concentration	CAS No.	EC No.
Ethyl 2-cyanoacrylate	90-100%	7085-85-0	230-391-5
Polymethyl methacrylate	0-9.5%	9011-14-7	/
Hydroquinone	0-0.5%	123-31-9	204-617-8

SECTION 4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water. Call a physician.

Eye Exposure:

In case of contact 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.

Ingestion Exposure:

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

Inhalation Exposure:

If inhaled, remove to fresh air. If necessary, give oxygen. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Dry chemical, Carbon dioxide or alcohol-resistant foam. Use water spray to cool the containers.

Firefighting:

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

Specific hazards: Emit toxic fumes under fire conditions.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Wear appropriate protective clothing to minimize direct contact with skin or eyes and prevent inhalation.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and chemical safety gloves. Avoid contacting with eyes, skin and clothing. Avoid inhalation. Keep container tightly closed. Avoid prolonged or repeated exposure. Keep away from heat, sparks and flame. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Use non-sparking tools. Incompatible: reducing agents, water, amines, alcohols, alkali metals, oxidizing agents.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: reducing agents, water, amines, alcohols, alkali metals, oxidizing agents. Recommended storage temperature: 2-8°C. Sensitive to light and moisture.

SECTION8 EXPOSURE CONTROL/PPE**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath. Use non-sparking tools.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Wear chemical safety goggles.

Clothing: Wear anti-electrostatic clothing.

Hand: Wear chemical resistant gloves.

Other Protect:

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent liquid

Odor: Weak penetrating odor

Flash Point 83.0°C

(Closed Cup)/°C:

pH Value: Not applicable.

Solubility: Miscible in water

SECTION10 STABILITY AND REACTIVITY**Stability:**

Stable under normal temperatures and pressures.

Conditions to Avoid:

Heat, flames and sparks. Light.

Materials to Avoid:

Reducing agents, Water, Amines, Alcohols, Alkali metals, Oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides (NOx).

SECTION11 TOXICOLOGICAL INFORMATION**Acute toxicity:**

No data available.

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye irritation.

Specific target organ toxicity - single exposure:

May cause respiratory irritation.

SECTION12 ECOLOGICAL INFORMATION**Toxicity:**

Hydroquinone: Toxicity to fish LC₅₀ - *Oncorhynchus mykiss* (rainbow trout) - 0.04 - 0.1 mg/l - 96,0 h

Toxicity to daphnia and other aquatic invertebrates EC₅₀ - *Daphnia magna* (Water flea) - 0.13 mg/l-48 h

Toxicity to algae EC₅₀ - *Pseudokirchneriella subcapitata* (green algae) - 0.335 mg/l - 72 h

Persistence and degradability:

Hydroquinone:Biodegradability Biotic/Aerobic - Exposure time 14 d
Result: 86 % - Readily biodegradable

Bioaccumulative potential:

Hydroquinone:Bioaccumulation Leuciscus idus (Golden orfe) - 3 d -50 微/1
Bioconcentration factor (BCF): 40

Mobility in soil:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION**DOT:**

Proper Shipping Name: Combustible liquid, n. o. s.
UN Number: NA1993
Class: COMBUSTIBLE LIQUID
Packing Group: Packing Group III
PIH: Not PIH

RID/ADR:

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA:

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO:

Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION**Regulation (EC) No1272/2008:**

Eye irritation (Category 2)
Serious eye damage/eye irritation (Category 2)
Specific target organ toxicity - single exposure (Category 3)

SECTION16 OTHER INFORMATION**Date:**

2012-06-04

Department:

Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration
of Work Safety
Tel (Fax) :8621-52815377/52800971/52807275/52811034/52569800

Revision:

0

Other Information:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.