

# 502 SUPER GLUE MSDS

## 502 胶水物质安全资料表

### Part 1: Name of Product

Chinese name : 502 胶

English Name : 502 Super Glue; Cyanoacrylate Adhesive

### Part 2: Ingredients Identification Information

Ingredients	Concentration	CAS No.
ECA	90-100%	7085-85-0
PMMA	0-9.5%	9011-14-7
Hydroquinone	0-0.5%	123-31-9

### Part 3: Hazards Identification

Hazards classification: Not hazardous material

Way of approach: Inhalation, Ingestion, Skin contact

Health hazards: Contacting skin may cause irritation

Environment hazards: None

Risk of explosion: Flammable

### Part 4: First aid measures:

Skin contact: Wash off immediately with plenty of soap and water · if any titillation or inflammation, seek medical advice;

Eye contact: Rinse immediately with plenty off water for at least 15 minutes, after that seek medical advice;

Inhalation: If feel upset, move to fresh air and seek medical advice

Ingestion: Rinse mouth with water, give water to dilute stomach contents, then Get prompt medical attention.

### Part 5: Fire fighting measures:

Risk: Irritation, flammable, burning will produce noxious gas

Generation of burning: CO/CO<sub>2</sub>/ Nitrogen oxides

Fire fighting: Cut off fire source and use fire extinguisher in the wind direction

Available fire extinguisher: Fire foam · fire powder, CO<sub>2</sub>, dry sands

### Part 6: Accidental leak measures:

Emergency treatment: Remove or shut off ignition source, prepare fire-fighting equipment; and use rag, gauze, sands to absorb leaked liquid to recycle into container; must wear PPE and keep adequate ventilation inside the room.

### **Part 7: Handling & storage:**

Caution for handling: Operator should be trained before operation and follow SOP strictly, suggest operator to wear apron, avoid eye contact, skin contact directly and inhalation; avoid exposing under this condition for long and continuous period.

Caution for storage: Store in cool, dry and good ventilation area away from spark or fire.

### **Part 8: Exposure controls & personal protection:**

Respiration protection: Under conditions of frequent use or heavy exposure, mask will be needed

Eye protection: Wear chemical goggles

Body protection: Wear normal uniform

Hand protection: Wear gloves

Others: Prohibited to smoking, eating and drinking at working place. Wash polluted clothes after working.

### **Part 9: Physical & Chemical properties:**

Appearance: Colorless transparent liquid with irritating odor

Boiling point(°C): 54 ~ 56

Relative density (water=1): Not available

Relative vapour density (air=1): Not available

Flash point (°C): 75

Molecular formula: C<sub>6</sub>H<sub>7</sub>NO<sub>2</sub>

Solubility in water: Insoluble

Usage: Used for sticking ceramic, rubber, glass, jewelry, plastic, furniture, advertisement board etc

### **Part 10: Stability & Reactivity:**

Stability: Stable under normal storage conditions

Prohibit to add: Oxidizer, reducer, water, amic, carbinol, alkali metals and eatable chemicals

Conditions to Avoid: Light

Incompatibility: Will polymerize when meet water

Decomposition Products: CO\CO<sub>2</sub>\ Nitrogen oxides

### **Part 11: Toxicological Information:**

Acute toxicity: None

Chronic: None

Irritation: May irritate eyes, cause tear, irritating skin or respiration system

Mutation: /

Monstrosity: /

Cancerous: /

## **Part 12: Disposal Information:**

Property of waste: Kind of organic cyanide

Disposal method: Burn in closed tank or Consign the disposal to the specialist of industrial waste after clarifying that the goods are flammable waste.

## **Part 13: Transport Information:**

Packing type: None

Packing method: None

Transport regulation: Make sure of no leakage; prohibit putting bottom up, drop, damage, and binding tightly during transportation