

U.S Department of Labor  
**MATERIAL SAFETY DATA SHEET**

Manufacturer's Name: CHEMENCE INC  
Number:

Emergency Telephone

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Chemical Name: CYANOACRYLATE ADHESIVE  
Glue, Superglu<sup>+</sup>,  
Chemical family: CYANOACRYLATE ESTER  
Automotive Superglue (gel)

Trade Name and Synonyms: KWIK-FIX Super

Super Glue Gel, Superglu<sup>+</sup> Gel,

HMIS/NFPA: Flammability: MEDIUM(2) Health: MEDIUM(2) Reactivity: Low (1) Specific Hazard: SKIN BONDING  
& BURNING

**SECTION II-HAZARDOUS INGREDIENTS**

**Hazardous Mixtures of Other Liquids, Solids, or Gases**

**CARCINOGEN**

	CAS NO.	%	NTP	IARC	OSHA
ETHYL CYANOACRYLATE	7085-85-0	90-100	NO	NO	NO
POLY (Methyl Methacrylate)	9011-14-7	3-10	NO	N/A	NO
HYDROQUINONE	123-31-9	0.1-0.5	NO	N/A	NO
SILICA, AMORPHOUS, FUMED	9011-14-7	0-10	NO	N/A	NO

**INGREDIENTS WHICH HAVE EXPOSURE LIMITS:**

INGREDIENT	ACGIH(TLV)	OSHA(PEL)	OTHER
Ethyl Cyanoacrylate	0.2ppm TWA	None	None
Hydroquinone	2mg/m3 TWA	2mg/m3 TWA	2mg/m3 TWA

**SECTION III-PHYSICAL DATA**

Boiling point: More than 300 °F Specific Gravity: 1.05  
Vapor Pressure: Less than 0.2mm @ 75 °F Percent Volatile, by volume:  
Less than 20g/l  
Vapor Density: Approximately 3 (California SCAQMD method  
316B)  
Solubility in Water: Polymerized by water Evaporation Rate: N/A  
Appearance: Clear liquid or gel Oder: Sharp, irritating

**SECTION IV-FIRE AND EXPLOSION HAZARD DATA**

Flash Point: 155- 200°F (method used-T.C.C.) Flammable Limits: LEL: N/A UEL:  
N/A  
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire and Explosion Hazards: POSSIBLE EXOTHERMIC REACTION LEADING TO SUBSTRATE  
IGNITION AND FUME  
GENERATION.

**SECTION V-HEALTH HAZARD DATA**

Threshold Limit Value: See Section II  
Effects of Overexposure: VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES. PROLONGED  
AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA-LIKE  
SYMPTOMS IN SENSITIVE INDIVIDUALS.  
Emergency and First Aid Procedures: SKIN: IMMERSER BONDED SURFACE IN WARM SOAPY WATER.  
PEEL OR ROLL  
SURFACE APART WITH AID OF BLUNT EDGE. DO NOT PULL APART WITH DIRECT OPPOSING ACTION.  
EYE: FLUSH  
WITH WARM WATER AND APPLY GAUSE PATCH. EYE WILL OPEN WITHIN 1-4 DAYS. MOUTH: APPLY  
WARM WATER TO  
MOUTH. PEEL OR ROLL LIPS APART. BURNS: SHOULD BE TREATED NORMALLY AFTER THE LUMP OF  
CYANOACRYLATE  
IS RELEASED FROM THE TISSUE. INHALATION: REMOVE TO FRESH AIR.

**SECTION VI-REACTIVITY DATA**

Stability: STABLE (UNDER NORMAL CONDITIONS) Conditions to avoid: AMINES, BASE  
MATERIALS  
Hazardous Decomposition Products: NONE Hazardous Polymerization: WILL NOT  
OCCUR

Incompatibility (Materials to avoid): POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES.

**SECTION VII-SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is released or spilled: FLOOD WITH WATER TO POLYMERIZE.

Waste disposal method: POLYMERIZE AS ABOVE. INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

**SECTION VIII-SPECIAL PROTECTION INFORMATION**

Respiratory protection (type): NONE NEEDED FOR NORMAL USE.

Ventilation: POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION

BELOW TLV.

Protective Gloves: POLYETHYLENE GLOVES, DO NOT USE COTTON GLOVES.

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other protective equipment: POLYETHYLENE/POLYPROPYLENE COATS OR APRONS (NOT RUBBER OR COTTON).

**SECTION IX-SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storage: STORE AT OR BELOW 75°F TO MAXIMIZE SHELF LIFE.

Other precautions: AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

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MSDS Superglue

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