

MATERIAL SAFETY DATA SHEET

SECTION I Product Information

Product Name: Super Glue

Trade Name: Super Glue

Manufacturer: LEEHO Corporation

Address: #50 Posu Dong, 2-GA Chung-Gu, Pusan, Korea

Phone: 82-51-254-5987, Fax: 82-51-241-3868

Emergency Phone: 82-51-254-5987

Date Prepared: October 2, 1991

SECTION II Component Information

<u>Chemical or common name</u>	<u>CAS No.</u>	<u>Amt %</u>
Ethyl-2-cyanoacrylate	7085-85-0	100

SECTION III Emergency And First Aid Procedures

- If in eye : Flush immediately with plenty of water. Neither use any solvent nor rub the eye. Call a physician immediately.
- If on skin : Peel, do not pull apart. Soak in warm water.
- If vapor inhaled : Remove victim to fresh air. If required, restore breathing. Consult physician.
- If ingested : If swallowed, give 2 glasses of water to drink. Consult a Physician. Do not pull apart.
- If fire : See SECTION VI
- If spilt and leaked : See SECTION X

SECTION IV Hazardous Ingredients

<u>No. Component (Units)</u>	<u>OSHA</u>		<u>ACGIH</u>		<u>IARC</u>	<u>NTP</u>
	<u>TWA</u>	<u>STEL</u>	<u>TLV</u>	<u>STEL</u>	<u>Listed</u>	<u>Listed</u>
1 Ethyl-2-cyanoacrylate			Not Listed			
2						
3						
4						
5						

SECTION V Occupational Control Procedures

Eye protection : Use safety goggles.
Skin Protection : Use gloves of thin polyethylene film.
Respiratory Protection : Use mask with gauze, desirably wet gauze.
Ventilation : Use local exhaust ventilation at points when vapors
can be released into workplace air.
Work and Hygienic Practices : Always clean protective equipments.

SECTION VI Fire Protection

Appropriate Extinguishers : Dry chemical, carbon dioxide, sand, or without air.
Special Fire Fighting Procedures : Self contained breathing apparatus with face piece
and protective clothing if involved in a fire of
other materials.
Unusual Fire and Explosion Hazards: There is the possibility of exothermic reaction
and solidification when contact with water

SECTION VII Reactivity Data

- Stability : Light (Sun beam, ultra violet ray) moisture, high temperature must be avoided.
- Incompatibility : Water, alcohol, amine (basic compound)
- Hazardous Decomposition Products: Evolves oxides of nitrogen when burned.
Instead of decomposition, solidification may be caused at undesirable conditions.
- Hazardous Polymerization : May occur with light, moisture, high temperature

SECTION VIII Health Hazard Information

Route(s) of Entry : Inhalation of vapors, eye and skin contact, ingestion.

Exposure Limits : Not established.

ACUTE EFFECT:

- Eyes : Contact with the product will cause polymerization.
Do not pull apart, consult a physician.
- Skin : Contact with the product may cause irritation.
Notice that hazardous points are immediate and strong bond to skin.
- Inhalation : Over exposure to vapors in poorly ventilated areas may cause headache, irritation, nausea, vomiting and dizziness.

CHRONIC EFFECT:

Unknown.

SECTION IX Physical Data

Appearance	: Slightly yellowish viscous liquid.
Odor	: Specific odor.
Viscosity	: 180 cps
Percent Nonvolatility	: 100%
Specific Gravity (Water =1)	: 1.056
Boiling Point	: 65C/149F/6mmHg
Melting Point	: <-25C/-13F
Flash Point/Method	: 86C/187F/closed
Auto-Ignition temperature	: 485C/905F
Vapor Pressure	: 186mm at 125C/657F
Vapor Density (Air = 1)	: >1
Solubility in Water	: None
Evaporation Rate (Butyl Acetate=1)	: <1

SECTION X Spill, Leak and Disposal Procedures

- Disposal Procedure : Burning outdoors.
Disposal must be in accordance with local, State and Federal regulations.
- Spill and Leak Procedure : Clean with tissue paper using thin polyethylene gloves.
Don't touch directly the spilled materials with fingers.

SECTION XI Storage

Store in tightly closed vessels, in dry and dark places at moderate room temperature or refrigerator.

ABBREVIATION

ACGIH: American Conference of Governmental Industrial Hygienists
OSHA : Occupational Safety and Health Administration
TLV : Threshold Limit Value
PEL : Permissible Exposure Limit
TWA : Time Weighted Average
STEL : Short-Term Exposure Limit
IARC : International Agency for Research on Cancer
NTP : National Toxicology Program