

MATERIAL SAFETY DATA SHEET**CYANOACRYLATE ADHESIVE (100 cps)****1. HAZARDOUS INGREDIENTS:**

	CAS NO.	%	NTP	IARC	OSHA
Ethyl Cyanoacrylate	7085-85-0	90-100	NO	NO	NO
Hydroquinone	123-31-9	0.1-0.5	NO	N/A	NO
Poly (Methyl) Methacrylate	9011-14-7	3-10	NO	N/A	NO

2. PHYSICAL DATA:

Boiling Point	: More than 300 °F	Specific Gravity	: 1.05
Vapor Pressure	: Less than 0.2mm @ 75 °F	Volatile Organic Comp.	: 98.9 %, 965g/l
Vapor Density	: Approximately 3	Evaporation Rate	: N/A
Solubility in Water	: Polymerized by water	Odor	: Sharp, irritating
Appearance	: Clear Liquid		

3. FIRE AND EXPLOSION HAZARD DATA:

Flash Point	: 185 °F (method used – T.C.C.)
Extinguishing Media	: Carbon Dioxide, Dry Chemical, Foam
Unusual Fire & Explosion Hazards	: Possible exothermic reaction leading to substrate ignition and fume generation.
Flammable Limits	: LEL : N/A UEL : N/A
Special Fire Fighting Procedures	: Self contained breathing apparatus.

4. HEALTH HAZARD DATA:

Threshold Limit Value	: No criteria for measurement. Not yet established. Estimated 2ppm.
Effects of Overexposure	: Vapor is irritating to eyes and mucous membranes above TLV. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals.
Emergency and First Aid Procedures	: Skin : immerse 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 cause 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.

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5. REACTIVITY DATA:

Stability	: Stable (under normal conditions)
Conditions to Avoid	: Amines, Base Materials
Hazardous Decomposition Products	: None
Hazardous Polymerization	: May occur (Exothermic)
Incompatibility (materials to avoid)	: Polymerized by contact with water, alcohols, amines, alkalies

6. SPILL OR LEAK PROCEDURES:

Steps to be taken in case material is released or spilled:

Flood with water to polymerize. Soak up with an inert absorbent.

Waste Disposal Method:

Polymerize as above. Incinerate in accordance with EPA and local regulations.

7. 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)

8. 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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