



MATERIAL SAFETY DATA SHEET

CA100

1. Product Identification

Product Name : Ultrabond Super Glue Adhesive
Item No : CA100
Product : Ethyl Cyanoacrylate Adhesive

2. Composition

<u>INGREDIENTS</u>		<u>CAS No.</u>	<u>%</u>
Ethyl Cyanoacrylate	:	7085-85-0	88.3-89.1
Poly Methacrylate	:	9011-14-7	10.7
Hydroquinone	:	123-31-9	0.1-1

3. Chemical and Physical Properties

Solubility in Water : Polymerized In Water
Specific Gravity : 1.05 At 75°F
Boiling Point : More Than 300°F (54-56°C 2.6-3mmHG)
Volatile Organic Compound : 95.2%; 994.35 G/L
(EPA Method 24)
Evaporation Rate (Ehter = 1) : Not Available
Appearance : Clear Liquid
Odor : Sharp, Irritating
Vapor Pressure : Less Than 0.2MM At 75°F
Vapor Density : 3

Ingredients which have exposure limited:

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (TLV)	Other
Ingredients			
Ethyl Cyanoacrylate	None	None	2 PPM TWA 9.1 MG/M3
Hydroquinone	2 MG/M3 TWA	2 MG/M3 TWA	2 MG/M3 TWA

4. Flammability and Explosive Properties

Flash Point : 160-200°F Method : Tag Closed Cup

Estimated NFPA Code

Health Hazard : 2
Fire Hazard : 2
Reactivity Hazard : 2
Specific Hazard : No Water

Estimated HMIS Code

Health Hazard : 2
Flammability Hazard : 2
Reactivity Hazard : 2
Personal Protection : See Section 10.

Explosive Limits :

(% by Volume in Air) Lower : Not Available
(% by Volume in Air) Upper : Not Available



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Recommended

Extinguishing Agents : Carbon Dioxide, Foam,
 Dry Chemical
 Hazardous Products Formed : Irritating Organic
 By Fire or Thermal Decomp. : Fragments
 Unusual Fire or Explosion : None
 Hazards :
 Compressed Gases : None
 Pressure At Room Temp. : Does Not Apply

5. Spill Or Leak And Disposal Procedures

Steps to be taken in case of spill or leak: Flood with water to Polymerize. Soak up with an inert absorbent.

Recommended method of disposal: Polymerize as above. Incinerate following EPA and local regulations.

6. Storage And Handling Procedures

Storage : Store at or below 75°F to maximize shelf life.

Handling : Avoid contact with skin and eyes. Avoid breathing vapors.

7. Shipping Regulations

Air : Unrestricted (not more than on pint);
 ORMA (one pint to 110 gallons);
 Combustible liquid (more than 110 gallons)
 Identification Number : None
 IATA :
 Proper Shipping Name : Unrestricted (not more than on pint);
 Other regulated substance (more than one pint)
 Class or Division : Unrestricted (not more than on pint);
 Class 9 (more than one pint)
 UN or ID Number : None (not more than one pint)
 ID 8027 (more than one pint)
 IMO :
 Substance : Not Available
 Marine Pollutant Status : Not Available
 Class : Not Available
 Subsidiary Risk Label : Not Available
 IMDG Code Page : Not Available
 UN Number : Not Available

8. Reactivity Data

Stability : Stable
 Hazardous Polymerization : Will Not Occur.
 Hazardous Decomposition :
 Products (Non - Thermal) : None
 Incompatibility : Polymerized by Contact with Water, Alcohols,
 Amines, Alkalies.

9. Emergency Treatment Procedures

Ingestion : See Supplement.
 Inhalation : Remove to fresh air. Treat Symptomatically.



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Skin Contact : Soak in Warm water.
Eye Contact : Flush with water for at least 15 minutes. Seek Medical attention immediately.

10. Personal Protection

Eyes : Safely glasses or goggles
Skin : Polyethylene gloves recommended
Ventilation : Positive down-draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

11. Health Data

Toxicity : Bonds to skin rapidly and strongly. Skin and eye irritant. Estimated oral LD50 more than 5000 MG / KG. Estimated Dermal LD50 more than 2000 MG / KG.
Primary Routes Of Entry : Not Available
Signs And Symptoms Of Exposure : Vapor is irritating to eye and mucous membranes above TLV. Prolonged and repeated overexposure to vapors may produce allergic reactions with Asthma-like symptoms in sensitive individuals.