



MATERIAL SAFETY DATA SHEET

CA 916

1. Product Identification

Product Name : Ultrabond Super Glue Adhesive
Item No : CA 916
Product : Ethyl Cyanoacrylate Adhesive

2. Composition

INGREDIENTS		CAS No.	%
Ethyl Cyanoacrylate	:	7085-85-0	81.1-81.4
Poly Methyl Methacrylate (PMMA)	:	9011-14-7	15.2-16.2
Proprietary Additive	:	Proprietary	2.3-2.7
Hydroquinone	:	123-31-9	0.1-1.0

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 : 94.7%; 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

** All the information is provided on the basic in good faith, and is believed to be trustworthy but is for reference only. Adhesion is very complicated and the result of it is much dependent on the surface material, additives, releasing agents of the substrates and user's methods. UEA and its agents, dealers, distributors, directors and employees cannot accept any liability for the results whatsoever arising from the use of UEA's products due that the utilization of these products is simply out of UEA's control. The users are responsible for selecting the suitability of the products and methods of use.



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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 one pint);
 ORMA (one pint to 110 gallons);
 Combustible liquid (more than 110 gallons)
 Identification Number : None
 IATA :
 Proper Shipping Name : Unrestricted (not more than one pint);
 Other Regulation Substances (more than one
 pint)
 Class or Division : Unrestricted (not more than one 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.

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9. Emergency Treatment Procedures

Ingestion : See Supplement.
Inhalation : Remove to fresh air. Treat Symptomatically.
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. Do not use cotton gloves.
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.