

**Glenmarc Industries Inc.** 2001 S. Blue Island Ave Chicago IL 60608

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## Material Safety Data Sheet

Emergency Phone:  
800-255-3924  
Chemtel  
Non-emergency Phone: 800-323-5350

Date Revised: 03/01/2008

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Name: CE-005

Product Type: Cyanoacrylate Ester

### 2. INGREDIENTS/IDENTITY INFORMATION

	CAS No.	%	ACGIH/TLV	PEL	STEL
Ethyl 2 cyanoacrylate	7085-85-0	80-95	0.2 ppm	None	None
Polymethyl Methacrylate	9011-14-7	5-10	None	None	None

ACGIH TLV: 0.2ppm OSHA-PEL: non  
OSHA STEL: None

### 3. HAZARD INFORMATION

Toxicity: Skin contact may cause burns. Bonds rapidly and strongly to skin.  
Skin and eye irritant. Estimated oral LD50 more than 5000mg/kg

Primary routes of entry: Inhalation

Signs of exposure:

Vapor is irritating to eyes and mucous membranes above TLV. Prolonged and/or repeated overexposure to vapors may produce symptoms of non-allergic asthma in sensitive individuals.

### 4. EMERGENCY AND FIRST AIDE PROCEDURES

Cyanoacrylate will bond human tissue and skin in seconds.

Eye- adhesive will loosen by itself within few hours. Weeping will occur until eyes are clear of adhesive.

Skin- Immerse bonded surfaces in warm soapy water. Do not force separation.

Inhalation- remove to fresh air; if symptoms persist, seek medical attention.

Ingestion- Saliva should lift the adhesive in 12-48 hours. Do not force removal. Do not swallow adhesive when it loosens. If lips are bonded, apply plenty of warm water. Use maximum wetting and pressure from saliva inside mouth. Peel or roll lips apart gently. Call a physician.

Burns: cyanoacrylate give off heat on solidification. In rare cases, large quantities may cause a burn. Treat normally after cyanoacrylate has been released/removed from affected area.

### 5. FIRE FIGHTING MEASURES

Flash Point: about 150-200F Tag closed cup

Extinguishingmedia: WATER, FOAM, CO2, DRY CHEMICAL

Special Firfighting Procedures:

Use self-contained breathing apparatus and protective clothing

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: The vapor exceeding flash point may cause combustion when exposed to flame.

## 6. ACCIDENTAL RELEASE

Spill procedures: Flood area with water to cure (Harden) cyanoacrylate adhesive and to control product vapors. Scrape up cured product.

Disposal Procedures: This product, if disposed as shipped, is not hazardous waste as specified in 40CFR 261. Dispose of in an approved landfill in accordance to state and local regulations.

## 7. HANDLING AND STORAGE

Store away from heat and sunlight. Keep container tightly closed when not in use. Store in dry location.

## 8. PROTECTIVE EQUIPMENT

Ventilation: Use in well ventilated area with local exhaust ventilation.

Protective Gloves: Impermeable, non-reactive gloves

Eye Protection: Goggles with side shields

Other Protective Clothing Or Equipment: Wear protective clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES DATA

Appearance and Odor: Clear Liquid Characteristic Stimulant Odor

Boiling Point: >300F

Specific Gravity: 1.09

Vapor Pressure: <0.2mmHg/20C

Percent Volatile: (EPA method 24) 98.6% 1025.4 grams/L  
(SCQAMD method 316B) 0.48% 5.0 grams/L

Vapor Density: approx 3 (air=1)

Evaporation Rate: No information

Solubility in Water: negligible

Polymerized by Water

## 10. STABILITY AND REACTIVITY

Stability: STABLE

Conditions To Avoid: Heat and Light

Incompatibility(Material To Avoid): Water, Basic materials, alcohols, amines and alkalis

HAZARDOUS POLYMERIZATIONS: will not occur

## 11. TOXICOLOGICAL INFORMATION

See section 3

## 12. ECOLOGICAL INFORMATION

No data

## 13. DISPOSAL CONSIDERATIONS

Spill procedures: Flood area with water to cure (Harden) cyanoacrylate adhesive and to control product vapors. Scrape up cured product.

Disposal Procedures: This product, if disposed as shipped, is not hazardous waste as specified in 40CFR 261. Dispose of in an approved landfill in accordance to state and local regulations.

14. TRANSPORTATION

Domestic Ground Transport:

Proper shipping name: Unrestricted (not more than 450 liters)  
Combustible liquid n.o.s. (more than 450 liters)

Hazard class or division Unrestricted (not more than 450 liters)  
Combustible liquid n.o.s. (more than 450 liters)

Identification number: None (not more than 450 liters)  
N/A 1993 (more than 450 liters)

15. REGULATORY INFORMATION

CA proposition 65 No information

OTHER

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Hazard	NFPA Hazard Code®	HMIS hazard Code®
Health	2	2
Fire	2	2
Reactivity	1	1
Specific hazard	No water	Personal protection: see above:protective equipment

DISCLAIMER

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The data, statements and recommendations (shown for information only) are based on tests which are believed to be reliable. Since we have no control over the end use of our product, we cannot guarantee the end results. We suggest the user determine whether the product is suitable for his own production conditions.