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## Material Safety Data Sheet

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

Date 03/01/2008

PRODUCT NAME:  
Cyanoacrylate Adhesive  
CHEMICAL FAMILY:  
Cyanoacrylate Instant Adhesive  
TRADE NAME:  
CE-003-1

### Ingredients/Identity Information

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

### Properties Data

Boiling Point: >300F Melting Point: 20-25C  
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 Rae: No information Solubility in Water: Polymerization in Water  
Appearance and Odor: Clear Liquid Characteristic Stimulant Odor

### Explosion Data

FLASH POINT: about 150-200F METHOD USED: LEL%  
FLAMMABLE LIMITS: N/A Set flash Closed Cup: N/D  
UEL%: N/D  
EXTINGUISHING MEDIA: 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.

REACTIVITY DATA

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STABILITY: STABLE

CONDITIONS TO AVOID: Heat and Light

INCOMPATIBILITY(MATERIAL TO AVOID)

Water, Basic materials

HAZARDOUS POLYMERIZATIONS: will not occur

OTHER

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

HEALTH HAZARD INFORMATION

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Threshold Limit Value:

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Vapors may cause lung irritation. Avoid prolonged inhalation

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Warning! Cyanoacrylates may bond eyelid to eyelid and/or eye. A large drop may cause a burn upon solidification.

INGESTION HEALTH RISKS: Caution! It is almost impossible to swallow cyanoacrylates. The adhesive solidifies and adheres in the mouth. The lips may be stuck together. No carcinogenicity, mutagenicity or teratogenicity are known.

CHRONIC EFFECTS OF EXPOSURE:

No effects of chronic exposure or target organ effects are known. No exposure limits have been established for this product as formulated.

EMERGENCY AND FIRST AIDE PROCEDURES

Eye-flush with lukewarm or tepid water for at least 15 minutes. Call a physician immediately.

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

Inhalation- remove to fresh air

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.

LEAK PROCEDURES

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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.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

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

This product and/or all of it's components are registered as required by TSCA.

ECOLOGICAL DATA \_\_\_\_\_

No DATA

PROTECTIVE EQUIPMENT \_\_\_\_\_

VENTILATION

Use in well ventilated area

PROTECTIVE GLOVES

Impermeable

EYE PROTECTION

Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear protective clothing

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)

DISCLAIMER \_\_\_\_\_

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.