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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-3000EH

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
Exposure Limits:					
Ethyl 2 cyanoacrylate	ACGIH TLV: 0.2ppm		OSHA-PEL: non		OSHA STEL: None

Properties Data

Boiling Point: >300F Melting Point: not determined
Specific Gravity: 1.06@20C
pH: Not determined
Vapor Pressure: <0.2mmHg/20C
Volatile Organic Compound: less than 0.2mm Hg @ 25C
Vapor Density: approx 3 (air=1)
Evaporation Rate: No information
Solubility in Water: negligible Polymerized in Water
Partition coefficient: Not determined
Odor Threshold: 1-2ppm
Appearance and Odor: sharp, irritating

Fire Fighting Measures

FLASH POINT: about 150-200F Tag Closed Cup
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES:

Use self-contained breathing apparatus and protective clothing

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None

REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY(MATERIAL TO AVOID)

Polymerized by water, alcohols, amines and alkalis

HAZARDOUS POLYMERIZATIONS: rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

OTHER

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

HEALTH HAZARD INFORMATION

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-adhesive introduced into the eyes will attach itself to the eye protein and will disassociate from it over intermittent periods, usually several hours. This will cause periods of weeping until clearance is achieved. It is important to understand that the disassociation will normally occur within a matter of hours even with gross contamination.

EYELID ADHESION: If eyelids are stuck together, or bonded to eyeball, wash with warm water and apply gauze patch. The eye will open without further intervention, typically in 1-2 days. There will be no residual damage. Do not try to pry open eyes by manipulation.

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

Inhalation- remove to fresh air

INGESTION- Almost impossible to swallow cyanoacrylate as the adhesive solidifies rapidly and adheres to mouth. 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: Cyanoacrylates give off heat on solidification. In rare cases, large drops will increase in temperature enough to cause a burn. Burns should be treated normally after the lump of cyanoacrylate is released from the tissue as described above.

LEAK PROCEDURES

Spill procedures: Do not use cloths for clean up. 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.

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)

International Air Transportation (ICAO/IATA):

Proper shipping name: Aviation regulation liquids, n.o.s. (cyanoacrylate ester)

Hazard class or division: 9

Identification number: UN3334

Packing Group: None

Water transportation:

Proper shipping name: unrestricted

Hazard class or division: none

Identification number: none

Packing Group: None

Marine pollutant: none

REGULATORY INFORMATION

TSCA 8b Inventory status: All components are listed or exempt

CERCLA/SARA Section 302 EHS: None

CERCLA/SARA Section 311/312: Immediate health hazard, delayed health hazard, fire, reactive

CERCLA/SARA 313: None

California Proposition 65: None

Canada DSL/NDSL: All components are listed or exempt

WHMIS hazard class: B.3, D.2B

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.