

MATERIAL SAFETY DATA SHEET

ELJEN TECHNOLOGY
SWEETWATER, TX 79556

Emergency Phone (24 hours)
CHEMTREC (800) 424-9300

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Date: 26 Sept. 2003

PRODUCT NAME: EJ-500 OPTICAL CEMENT – Hardener (Part B)

SECTION I SUPPLIER INFORMATION

COMMON NAME EJ-500 - Hardener
CHEMICAL NAME Aliphatic Amine Blend
FORMULA $(C_3H_6O)_nN_2H_2$
PRODUCT CAS # 4246-51-9
MANUFACTURER ELJEN TECHNOLOGY
ADDRESS 300 CRANE STREET
SWEETWATER, TEXAS 79556
PHONE (325) 235-4276
FAX (325) 235-2872

SECTION II HAZARDOUS INGREDIENT INFORMATION

COMPONENT	% WT.OSHA-PEL	TLV-ACGIH
Diethylene glycol Diaminopropyl Ether	>90%	Not estab.
Diethylene Glycol Aminopropoyl Ether	<10%	Not estab.

INGREDIENT HAZARD STATEMENT

All components of this product are listed on the EPA Toxic Substance Control Act Inventory.

SECTION III PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT >250°C
MELTING POINT N/A
SPECIFIC GRAVITY (H₂O=1) 1.0
VAPOR PRESSURE (mm Hg) < 0.01 AT 25°C.
VAPOR DENSITY (air =1) > air
PERCENT VOLATILE BY VOLUME (%) Not determined
EVAPORATION RATE (BUTYL ACETATE=1) N/A
SOLUBILITY IN WATER Partly soluble

APPEARANCE AND ODOR

Colorless to slightly yellow liquid
Pungent odor

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SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 260°F (PMCC)

AUTO-IGNITION TEMP: N/A

FLAMMABLE LIMITS

LEL Not established

UEL Not established

NFPA HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABLE: 1 REACTIVITY: 0

HMIS HAZARD CLASSIFICATION

HEALTH: 3 FLAMMABLE: 1 REACTIVITY: 0

EXTINGUISHING MEDIA:

Carbon dioxide, Dry chemical, Foam, Water fog

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Toxic vapors may be evolved upon exposure to heat or open flame.

SECTION V REACTIVITY DATA

STABILITY: **STABLE** **UNSTABLE**

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY(Mat's. To Avoid): Strong oxidizers, Peroxides, Epoxides

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon dioxide, oxides of nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

AVOID: Storage in open containers, intense heat or open flame.

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SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

EYES: Yes
SKIN: Yes
INHALATION: Yes
INGESTION: Yes

ACUTE EFFECTS OF OVEREXPOSURE

EYE: Very severe irritation upon contact; can cause permanent damage or blindness.

SKIN: Severe irritation upon direct contact. May cause burns and/or blistering.

INHALATION: May cause respiratory tract irritation.

INGESTION: Harmful if swallowed. May cause burns to the mouth and upper gastrointestinal tract.

CARCINOGENICITY: Not listed.

NTP: **IARC:** **OSHA:**

CHRONIC HEALTH HAZARD: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Exposure may aggravate pre-existing skin, eye and/or respiratory disorders.

EMERGENCY FIRST AID

EYE Immediately flush with copious amounts of water. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash off with plenty of soapy water. If irritation or rash occurs, get medical attention.

INHALATION: Remove to fresh air. Give oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention if breathing difficulty persists.

INGESTION: Do not induce vomiting. Dilute with large quantities of water. Get immediate medical attention.

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SECTION IX ADDITIONAL INFORMATION

SARA HAZARD CATEGORIES

IMMEDIATE (ACUTE) HEALTH HAZARD: YES NO

DELAYED (CHRONIC) HEALTH HAZARD: YES NO

FIRE HAZARD: YES NO

REACTIVITY HAZARD: YES NO

SUDDEN RELEASE OF PRESSURE: YES NO

SARA SECTION 313 NOTIFICATION

THIS PRODUCT DOES NOT CONTAIN A TOXIC CHEMICAL (OR CHEMICALS) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

TSCA Status:

All components of this product are listed in the EPS Toxic Substances Control Act Inventory.

Canadian DSL Status:

All components of this product are listed in the Canadian CEPA Domestic Substance List (DSL)

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