

MATERIAL SAFETY DATA SHEET

ELJEN TECHNOLOGY
SWEETWATER, TX 79556

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

Page: 1 of 5
Date: 21 August 2003

PRODUCT NAME: EJ-208 PLASTIC SCINTILLATOR

SECTION I SUPPLIER INFORMATION

COMMON NAME EJ-208
CHEMICAL NAME Polyvinyltoluene + organic fluors.
FORMULA C₁₀H₁₁
PRODUCT CAS # 9017-21-4
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
POLYVINYLTOLUENE	>97%	N/A	N/A
ORGANIC FLUORS	<3%	N/A	N/A

INGREDIENT HAZARD STATEMENT Not applicable in this physical form.

SECTION III PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT Not applicable
MELTING POINT approx. 70°C (160°F)
SPECIFIC GRAVITY (H₂O=1) 1.03
VAPOR PRESSURE (mm Hg) Not applicable
VAPOR DENSITY (air =1) Not applicable
PERCENT VOLATILE BY VOLUME (%) <0.2
EVAPORATION RATE (BUTYL ACETATE=1) Not applicable
SOLUBILITY IN WATER None

APPEARANCE AND ODOR Clear blue fluorescent solid plastic. No odor.

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SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

EYES: No.
SKIN: No.
INHALATION: No.
INGESTION: No.

ACUTE EFFECTS OF OVEREXPOSURE

EYE: Solid or dust may cause irritation or corneal injury due to abrasion.

SKIN: Mechanical injury only.

INHALATION: Vapors are unlikely due to physical properties.
Dust may cause temporary irritation to upper respiratory tract.

INGESTION: No adverse effects anticipated other than obstruction if
swallowed. Considered physiologically inert.

CARCINOGENICITY:

NTP: Not applicable **IARC:** Not applicable **OSHA:** Not applicable

CHRONIC HEALTH HAZARD: Not applicable

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Not applicable.

EMERGENCY FIRST AID

EYE Irrigate immediately with water for at least five minutes.
Mechanical irritation only.

SKIN CONTACT: No adverse effects anticipated by this route of exposure.

INHALATION: No adverse effects anticipated by this route of exposure.

INGESTION: No adverse effects anticipated by this route of exposure.

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SECTION VII HANDLING PRECAUTIONS

EPA WASTE #: Not applicable.
UN #: Not applicable.
DOT CLASSIFICATION: Not applicable.

IN CASE OF RELEASE OR SPILLAGE

Sweep up and discard.

WASTE DISPOSAL METHOD

Material does not leech. Bury in landfill or burn in adequate incinerator in accord with all applicable federal, state and local regulations.

HANDLING AND STORAGE

No special precautions required. Avoid random accumulation of machining shavings to eliminate possible fuel source if ignited. Shavings will not self-ignite.

SECTION VIII SPECIAL PROTECTION / CONTROL MEASURES

RESPIRATORY PROTECTION

When machining or polishing, wear an approved dust mask or respirator.

VENTILATION

Good general workplace ventilation.

SKIN PROTECTION

No special precautions other than gloves and clean body-covering clothing for general protection.

EYE PROTECTION

Use safety glasses when machining or sawing.

WORK HYGIENE PRACTICES

No special requirements.

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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 MAY 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.

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>
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Not applicable

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