

MATERIAL SAFETY DATA SHEET

ELJEN TECHNOLOGY
SWEETWATER, TX 79556

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

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Date: 21 August 2006

PRODUCT NAME: EJ-440 PHOSPHOR SHEET

SECTION I SUPPLIER INFORMATION

COMMON NAME EJ-440
CHEMICAL NAME Polyester sheet + ZnS:Ag phosphor coating
FORMULA N/A
PRODUCT CAS # 68611-71-2 (for zinc sulfide photphor)
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
N/A	***	***	***

INGREDIENT HAZARD STATEMENT

The polyester sheet and adhesive material are not dangerous materials.

The ZnS:Ag is subject to the reporting requirements of section 313 of title III of the Superfund Amendment and Reauthorizatin Ace of 1986 and CFR 40 PART 372.

*** None has been established, and it should be treated as a nuisance dust if removed from the product. TLV: 1mg/m³ The compound contains less than 0.5% silver.

SECTION III PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT	Not applicable
MELTING POINT, Polyester sheet	approx. 70°C (160°F)
SPECIFIC GRAVITY (H₂O=1)	1.2
VAPOR PRESSURE (mm Hg)	Not applicable
VAPOR DENSITY (air =1)	Not applicable
PERCENT VOLATILE BY VOLUME (%)	<0.1
EVAPORATION RATE (BUTYL ACETATE=1)	Not applicable
SOLUBILITY IN WATER	None

APPEARANCE AND ODOR Clear plastic film with a white coating on on side. No odor.

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SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

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

ACUTE EFFECTS OF OVEREXPOSURE

EYE: Mechanical injury. The phosphor powder, if removed by mechanical abrasion, could cause severe irritation if gotten into the eye.

SKIN: Mechanical injury only.

INHALATION: Vapors are unlikely due to physical properties.
If the phosphor were removed from the product, the phosphor dust may cause temporary irritation to upper respiratory tract.

INGESTION: The phosphor powder, if removed from the product, may cause gastrointestinal disturbances, nausea, vomiting and diarrhea.

CARCINOGENICITY: The phosphor powder has not been identified as a known or suspected carcinogen by NTP, IARC or OSHA.

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 when the product is handled under normal operating conditions. Clean-up can be done by washing with mild soap and water.

INHALATION: No adverse effects anticipated by this route of exposure other than stated above under Inhalation. Remove to fresh air. If not breathing, give artificial respiration and call a physician.

INGESTION: No adverse effects anticipated under normal usage practices. If removed phosphor is ingested, give person large amounts of water to drink. Induce vomiting and obtain medical attention.

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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 may generally be disposed in standard dry waste containers. Dispose in accord with all applicable federal, state and local regulations.

HANDLING AND STORAGE

Store away from mineral acids, strong oxidizers, solvents and flammable materials. Best storage is at room temperature conditions.

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>
Zinc Sulfide	68611-71-2	6%

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