

MATERIAL SAFETY DATA SHEET

Information current as of December 10, 2018

Address: JET COMPANY, LTD
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Emergency Telephone Number: (0723) 35-0300

Distributor: Jet USA Corporation
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Collingdale, PA 19023 USA
Emergency Telephone Number: (610) 461-5861

For PRINTING PLATES and RELATED MATERIALS

Trade Name and Synonyms: **JET LSL SERIES (STANDARD & SOFT TYPES)**

Product Class: AB, FB, FL, FS, FSS, SB, SBSS, SSB, SP & UVW

<u>HAZARDOUS INGREDIENTS (Typical Values)</u>	<u>wt.%</u>	<u>TLV (Units)</u>
Polyvinyl Alcohol	60	Not Established
Derivatives of Acrylamide	40	Not Established

PHYSICAL DATA

Boiling Point (F): N/A
Specific Gravity (H2O=1): 1.2 (68F)
Vapor Pressure (mmHg): Solid at room temperature
Evaporation Rate: No Data
Vapor Density (air=1): N/A
Melting Point (F): N/A
Solubility in Water: Uncured coating 100%
Appearance and Odor: Solid plate of specified sizing consisting of light sensitive coating on polyester backing: Slight odor

FIRE AND EXPLOSION HAZARD DATA

Flash Point: No Data
Flammable limit (vol.%): N/A
Extinguishing Media: Water, CO2, Foam, Dry Chemical
Unusual fire and explosion hazards: None
Special firefighting procedures: Wear MSHA/NIOSHA approved self-contained breathing apparatus and full cover impervious clothing.

HEALTH HAZARD DATA

Primary routes of entry: Dermal, if misused.
Health Hazards (acute and chronic): Prolonged contact may cause skin rash to acrylate sensitive persons.
Use of product in unventilated area may cause headache or irritation to throat, nose or eyes. Direct eye contact with raw product may cause irritation.

HEALTH HAZARD DATA (Continued)

LD50 (rat)-10g./kg. min. (Photosensitive printing plate) Exposed plate.

LD50 (rat)-4.8g./kg. (Unexposed plate)

Carcinogenicity:

Unknown.

Signs and Symptoms of exposure:

If misused, reddening of skin in contact area. Operator must wear protective gloves.

Emergency and First Aid Procedures:

Wash skin with soap and warm water. Flush eyes immediately with water for 15 minutes. If coating is ingested, induce vomiting. Obtain medical attention.

REACTIVITY DATA

Stability:

Stable

Conditions to avoid:

Material becomes unusable for intended function if exposed to ultraviolet light. Preserve in cool and dark place and handle only under safe, yellow lamps.

Incompatibility (material to avoid):

Water and light (photo).

Hazardous decomposition or by-products:

None

Hazardous polymerization:

Will not occur.

PRECAUTIONS FOR SAFE HANDLING AND USE

Procedure when material is spilled:

Material is solid, cannot be spilled. In case of transport damage to packaging, material or container, material to be salvaged must not have been exposed to ultraviolet light.

Waste Disposal Method:

Processed plates may be treated as scrap. Follow local regulations.

Precautions to be taken in Handling and storing:

Store below 100 degrees Fahrenheit in a dry area. Do not store near heat sources. Material is light sensitive. Do not open package until ready to use. Handle in U/V protected light only. Must be stored flat.

Other precautions:

Material is intended to be used in the production of relief type printing plates only. Use caution when handling.

CONTROL MEASURES

Ventilation:

Only at the point of use.

Protective items:

Use rubber or vinyl gloves. Eye protection is recommended.

Work/hygienic practices:

Wash hands after processing plates. Use skin care lotion.

ADDITIONAL REMARKS:

None