



**HAZARDOUS REACTIVITY**

STABILITY AT ROOM TEMPERATURE	Stable.
MATERIALS TO AVOID	Not established.
CONDITIONS TO AVOID	Heating above 320°C for prolonged periods
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition products include CO, SO <sub>2</sub> and COS gas.
POLYMERIZATION	Will not occur.

**HEALTH HAZARD DATA**

Read section 6; PROCESSING and final section; PRECAUTIONS FOR MOLDING, in brochure "PROPERTIES

OF DIC.PPS", before using DIC.PPS. Face mask and protective clothes recommended for abnormal processing problems.

ACUTE OR IMMEDIATE EFFECTS: ROUTES OF ENTRY AND SYMPTOMS.

INGESTION	Not a probable route of exposure.
SKIN	Molten polymer causes thermal burns.
EYE	Dust may cause a slight irritation and fumes from molten resin may be irritating to eyes.
INHALATION	Dust may causes a slight irritation and fumes from molten resin may causes irritating to throat, headache, dizziness and nausea.

EMERGENCY FIRST AID

- If exposed to fumes from molten resin, move to fresh air. Consult a physician if symptoms persist.
- Wash skin with soap and plenty of water.
- Flush eyes with water. Consult a physician if symptoms persist.
- If molten resin contacts skin, cool rapidly with cold water. Do not attempt to peel resin from skin. Obtain medical attention for thermal burn.

CHRONIC EFFECTS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

**PROTECTION INFORMATION**

EYE	Safety glasses are required.
SKIN	Protective gloves are required when handling hot polymer. Also long sleeve cotton shirt and long pants if handling molten resin.
VENTILATION	Thermal processing equipment should be ventilated to control fumes and dust. Local exhaust at processing equipment to keep particulate below 15 mg/m <sup>3</sup> (OSHA limit for nuisance dusts).
RESPIRATOR	None under normal processing if ventilation is adequate.
WORK/HYGIENIC PRACTICES	Wash hands before eating, drinking, smoking or using toilet.

**DISPOSAL**

SPILL, LEAK OR RELEASE	Sweep up to prevent a slipping hazard.
WASTE DISPOSAL	Landfill or incineration in compliance with federal, state, and local regulations.
AQUATIC TOXICITY	Toxicity is expected to be low based on insolubility of polymer in water.
STORAGE CONDITIONS	Cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

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