

Hoechst Celanese

Hoechst Celanese Corporation
Electronic Products Division
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Material Safety Data Sheet

THE EMERGENCY PHONE NUMBERS ARE: CHEMTREC (800) 424-9300
HOECHST CELANESE (908) 231-4944
FOR (NON EMERGENCY) PRODUCT INFORMATION CALL: (908) 231-5445

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-----PRODUCT IDENTIFICATION-----

PRODUCT NAME:
AZ P4620 PHOTORESIST
SYNONYMS:
LIQUID POSITIVE PHOTORESIST
CHEMICAL FAMILY:
RESIN SOLUTION

VERSION DATE: 04/20/90
DATE PRINTED: 09/19/91
MSDS NUMBER: 500070J7

-----HAZARDOUS INGREDIENTS-----

INGREDIENT:
PROPYLENE GLYCOL MONOMETHYL
ETHER ACETATE, PMA, PGMEA,
1-METHOXY-2-PROPYL ACETATE,
CAS# 108-65-6
OTHER:

PERCENT: HAZARD DATA:
59 INHALATION, CONTACT HAZARD.
COMBUSTIBLE.
SEE EFFECTS OF OVEREXPOSURE

CRESOL NOVOLAK RESIN 117520-84-0
DIAZONAPHTHOQUINONE SULFONIC
ACID ESTERS 5610-94-6

NJ AND PA RIGHT-TO-KNOW LISTINGS

-----PHYSICAL DATA-----

PHYSICAL DATA	LOW	HIGH	UNITS	COMMENT
BOILING POINT	BEGINS	134	°C	
SOLUBILITY IN WATER				FORMS TWO LAYERS
VISCOSITY		385	CST	
% VOLATILE		59		
SPECIFIC GRAVITY (WATER =1)		1.08		
EVAPORATION RATE				<ETHER

APPEARANCE AND ODOR:
AMBER-RED LIQUID, CHARACTERISTIC ODOR.

-----FIRE AND EXPLOSION HAZARDS-----

FLASH POINT: 100 °F PM CC

EXTINGUISHING MEDIA:
CARBON DIOXIDE, WATER, ALCOHOL FOAM OR DRY CHEMICAL.

SPECIAL PROCEDURES:
USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
USE WATER SPRAY TO COOL DRUMS IN FIRE AREA.

UNUSUAL HAZARDS:
SOLVENT VAPORS, SEE HAZARDOUS INGREDIENTS AND HEALTH INFORMATION.
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

-----HEALTH INFORMATION-----

PRIMARY ROUTE OF EXPOSURE: INHALATION: YES SKIN ABSORPTION: YES INGESTION: NO
ALSO SKIN AND EYE CONTACT WITH LIQUID AND VAPORS.

EFFECTS OF OVEREXPOSURE:
PGMEA CAN CAUSE SKIN, EYE AND RESPIRATORY IRRITATION. EXTREME OR PRO-
LONGED EXPOSURE MAY CAUSE GASTRIC AND CENTRAL NERVOUS SYSTEM EFFECTS.
PGMEA IS READILY ABSORBED THROUGH INTACT SKIN.