

8



# Hoechst Celanese

Hoechst Celanese Corporation  
Electronic Products Division  
P.O. Box 3700  
50 Miester Avenue  
Somerville, NJ 08876-1258

## 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) 231-3445 PAGE 1

### -----PRODUCT IDENTIFICATION-----

PRODUCT NAME:  
ENCO FPC  
SYNONYMS:  
FPC FINISHER/PRESERVER/CLEANER  
CHEMICAL FAMILY:  
LITHOGRAPHIC PLATE PROCESSING SOLUTION

VERSION DATE: 09/30/88  
DATE PRINTED: 12/10/90  
MSDS NUMBER: 510060651

### -----HAZARDOUS INGREDIENTS-----

INGREDIENT: PERCENT: HAZARD DATA:  
HIGH BOILING PETROLEUM SPIRITS 11% CONTACT AND INHALATION HAZARD.  
CAS# 64742-48-9 PRODUCT IS COMBUSTIBLE.  
SEE EFFECTS OF OVEREXPOSURE  
OTHER:  
WATER(7732-18-5), DEXTRIN(9004-53-9) OR DEHYDRATED CORN SYRUP (68138-37-3), MONOSODIUM PHOSPHATE (7558-80-7), POLY-ETHYLENE GLYCOL (25322-68-3) NJ/PA RIGHT-TO-KNOW LISTING

### -----PHYSICAL DATA-----

PHYSICAL DATA	LOW	HIGH	UNITS	COMMENT
BOILING POINT		> 212	°F	
% VOLATILE		89		
SPECIFIC GRAVITY (WATER =1)		1.00		
EVAPORATION RATE				<ETHER
VAPOR DENSITY (AIR=1)				>AIR

APPEARANCE AND ODOR:  
MILKY WHITE LIQUID. SWEET SMELL.

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

FLASH POINT: 142 °F CLOSED CUP  
EXTINGUISHING MEDIA:  
CARBON DIOXIDE, WATER SPRAY, FOAM OR DRY CHEMICAL.

SPECIAL PROCEDURES:  
USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

### -----HEALTH INFORMATION-----

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

EFFECTS OF OVEREXPOSURE:  
FOUND TO BE A SLIGHT IRRITANT WHEN TESTED ON RABBIT SKIN.  
FOUND TO BE A NON-IRRITANT WHEN TESTED ON RABBIT EYES.  
MAY CAUSE EYE OR SKIN IRRITATION.  
EXPOSURE TO HIGH CONCENTRATIONS OF THE VAPOR MAY CAUSE HEADACHE, DIZZINESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

CARCINOGEN: IARC: NO NTP: NO OSHA: NO

8

# Hoechst Celanese

Hoechst Celanese Corporation  
Electronic Products Division  
P.O. Box 3700  
50 Miester Avenue  
Somerville, NJ 08876-1258

## 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) 231-3445 PAGE 2  
PRODUCT NAME: ENCO FPC MSDS NUMBER: 510060651

### -----OCCUPATIONAL EXPOSURE LIMITS-----

T.L.V.: TWA\* 100 PPM

TEXT:  
\* HIGH BOILING PETROLEUM SPIRITS.

### -----EMERGENCY AND FIRST AID PROCEDURE-----

INHALATION:  
CONSULT PHYSICIAN IF IRRITATION OF RESPIRATORY PASSAGES OCCURS.

EYE CONTACT:  
FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES.  
CONSULT PHYSICIAN.

SKIN CONTACT:  
WASH WITH SOAP AND WATER.  
CONSULT PHYSICIAN IF IRRITATION OR OTHER SYMPTOMS OCCUR.

INGESTION:  
CONSULT PHYSICIAN.

ADDITIONAL MEASURES:  
NONE

### -----REACTIVITY DATA-----

CHEMICAL STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:  
THERMAL DECOMPOSITION MAY GENERATE  
CARBON MONOXIDE AND CARBON DIOXIDE

### -----SPILL OR LEAK PROCEDURES/WASTE DISPOSAL-----

SPILL OR LEAK PROCEDURES:  
REMOVE ALL SPARKING DEVICES OR IGNITION SOURCES.  
COLLECT ONTO INERT ABSORBENT. PLACE IN SUITABLE CONTAINER.  
RINSE RESIDUAL WITH WATER.

WASTE DISPOSAL:  
DISPOSE OF OR INCINERATE IN ACCORDANCE WITH REGULATIONS.

### -----EMPLOYEE PROTECTION-----

RESPIRATORY PROTECTION:  
CHEMICAL CARTRIDGE RESPIRATOR RECOMMENDED FOR EXPOSURES EXCEEDING TLV.  
SEE SPECIAL PRECAUTIONS.

PROTECTIVE CLOTHING:  
CLOTHING SUITABLE TO AVOID SKIN CONTACT.  
SAFETY GOGGLES.  
RUBBER GLOVES.

ADDITIONAL PROTECTIVE MEASURES:  
LOCAL EXHAUST RECOMMENDED.  
CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL.

# Hoechst Celanese

Hoechst Celanese Corporation  
Electronic Products Division  
P.O. Box 3700  
50 Miester Avenue  
Somerville, NJ 08876-1258

## 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) 231-3445 PAGE 3  
PRODUCT NAME: ENCO FPC MSDS NUMBER: 510060651

-----SPECIAL PRECAUTIONS-----

STORE IN ORIGINAL CONTAINER.  
KEEP TIGHTLY SEALED.

-----OTHER REGULATORY CONTROLS-----

OTHER REGULATORY CONTROLS:  
THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.  
THIS PRODUCT CONTAINS THE TOXIC CHEMICAL OR CHEMICALS LISTED BELOW,  
WHICH ARE SUBJECT TO THE SUPPLIER NOTIFICATION REQUIREMENTS OF  
SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF  
1986 ("SARA") AND THE REQUIREMENTS OF 40 CFR PART 372.

INGREDIENT	CAS #	PERCENT
PHOSPHORIC ACID	7664-38-2	.03

OSHA PHYSICAL HAZARDS:  
COMBUSTIBLE LIQUID

OSHA HEALTH HAZARDS:  
EYE HAZARD  
IRRITANT  
SKIN HAZARD

SARA HAZARD CLASS:  
ACUTE: YES CHRONIC: NO FIRE HAZARD: YES PRESSURE: NO REACTIVITY: NO