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Material Safety Data Sheet

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MSDS No.: 021-000420

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SECTION 1 PRODUCT IDENTIFICATION

Product Name : Organic Photoconductor for FP-7160

Product No. : FQ-HE60

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>PROPORTION (% by wt.)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>
Aluminum cylinder		> 97	None established	None established	None
Binder resin		< 1	None established	None established	None
Photosensitive material		< 1	None established	None established	None
Pigment		< 1	None established	None established	None

SECTION 3 HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW : Reddish-brown, odorless and solid cylinder.
None hazardous product.

POTENTIAL HEALTH EFFECTS :
No symptoms expected with intended use.

SECTION 4 FIRST AID MEASURES

EYES : No eye contact in normal use. If exposed to the dust of photoconductive layer, flush eyes with water. Get medical attention, if feels irritation.

SKIN : None treatment is required. If exposed to much of the dust of photoconductive layer, wash out with water.

INGESTION : No ingestion in normal use. If swallowed the dust of photoconductive layer, induce vomiting as much as possible. Get medical attention, if feels something bad.

INHALATION : No inhalation in normal use. If exposed to the dust of photoconductive layer, get medical attention if cough or other symptoms develop.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : CO₂, Dry chemical, Foam or water.
SPECIAL FIREFIGHTING PROCEDURES : This material will be scorched in the case of fire.
FIRE AND EXPLOSION HAZARDS : This material has no unusual fire or explosive hazards.
FIRE-FIGHTING EQUIPMENT : Suitable personal protective equipment.

SECTION 6 ACCIDENTIAL RELEASE MEASURES

PERSONAL PRECAUTIONS : None required under normal use.
ENVIRONMENTAL PRECAUTIONS : None required under normal use.
METHODS FOR CLEANING UP : Collect. No special precautions required in collection.

SECTION 7 HANDLING AND STORAGE

HANDLING : No special precaution. Do not touch the photoconductive layer directly, expose to organic solvent vapor or sunlight to prevent degradation.
STORAGE : Store in normal temperature, normal humidity and dark place. Avoid dew condensation, organic solvent vapor.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT : ACGIH Not established.
OSHA Not established.
ENGINEERING MEASURES : Not required.
PERSONAL PROTECTIVE EQUIPMENT :
RESPIRATORY PROTECTION : None required.
SKIN PROTECTION : Not precautions.
EYE PROTECTION : Use safety glass.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Reddish-brown and solid cylinder
ODOR : Odorless
BOILING POINT (°C) : Not applicable
MELTING POINT (°C) : 129 - 130 (Photoconductive layer)
VAPOR PRESSURE (mm Hg.) : Not applicable
VAPOR DENSITY (AIR = 1) : Not applicable
SPECIFIC GRAVITY (H₂O=1) : 2.7
SOLUBILITY IN WATER : Negligible

SECTION 10 STABILITY AND REACTIVITY

STABILITY : This is a stable product.
HAZARDOUS DECOMPOSITION PRODUCTS : None
HAZARDOUS POLYMERIZATION : None

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : oral(rat) LD50 >2,000mg/kg (Photoconductive layer)
SKIN IRRITATION : Not an irritant (rabbits) (Photoconductive layer)
EYE IRRITATION : Minimally irritating (rabbits) (Photoconductive layer)
SENSITIZING : Not applicable
CHRONIC TOXICITY : None
MUTAGENICITY : Negative in the Ames test. (Photoconductive layer)
CARCINOGENICITY : No carcinogen or potential carcinogen, according to IARC
Monographs, NTP and ACGIH.
REPRODUCTIVE TOXICITY : Not available.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATION

Any disposal practice should be done under conditions, which meet local, state and federal laws and regulations relating to waste (contact local or state environmental agency for specific rules).

SECTION 14 TRANSPORT INFORMATION

UN CLASSIFICATION : None allocated.
UN No. : None.

SECTION 15 REGULATORY INFORMATION

TSCA : This product do not fall in the category of the regulations and orders of section 6 and 7 of TSCA (Toxic Substance Control Act).

SECTION 16 OTHER INFORMATION

HMIS RATING : The National Paint and Coating Association(USA)
HEALTH : 0 FLAMMABILITY : 1 REACTIVITY : 0
RECOMMENDED USES : Photoconductor for Electrophotographic Equipment

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions.