

XEROX ENGINEERING SYSTEMS -- CE-PROCESS BLACK TYPE H,4405-16 -- 6850-01-198-7958
===== Product Identification =====

Product ID:CE-PROCESS BLACK TYPE H,4405-16

MSDS Date:01/05/1995

FSC:6850

NIIN:01-198-7958

MSDS Number: BZQYL

=== Responsible Party ===

Company Name:XEROX ENGINEERING SYSTEMS

Address:5853 RUE FERRARI AVENUE

City:SAN JOSE

State:CA

ZIP:95138

Country:US

Info Phone Num:800-828-6571

Emerg

ency Phone Num:716-422-1230 (TRANS)/2177 (HEALTH)

CAGE:0UWR2

=== Contractor Identification ===

Company Name:VERSATEC INC (REPLACED BY XES INC,VERSATEC PROD.)

Address:2710 WALSH AVE.

Box:City:SANTA CLARA

State:CA

ZIP:95051-0905

Country:US

Phone:716-422-2177 (XEROX CORP, NY)

CAGE:50804

Company Name:XEROX CORPORATION

Address:100 CLINTON AVE SOUTH

Box:City:ROCHESTER

State:NY

ZIP:14644-1877

Country:US

Phone:800-828-6571/716-422-2177

CAGE:26921

Company Name:XEROX ENGINEERING SYSTEMS

Address:5853 RUE F

ERRARI AVENUE
Box:City:SAN JOSE
State:CA
ZIP:95138
Country:US
Phone:800-828-6571
CAGE:0UWR2

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Composition/Information on Ingredients
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Ingred Name:MINERAL SPIRITS/ISOPARAFFINIC HYDROCARBON SOLVENT
CAS:64475-85-0
RTECS #:PY8240000
Fraction by Wt: >98%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:POLYMERS
Other REC Limits:NONE RECOMMENDED

Ingred Name:PIGMENT
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) >10,000 MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- NOT EXPECTED TO BE AN EYE IRRITANT. NOT A SKIN
SENSITIZER, NOR A SKIN IRRITANT. LOW ORAL TOXICITY, BUT ASPIRATION
HAZARD. MAY CAUSE CNS DEPRESS ION. MIST MAY CAUSE RESPIRATORY
IRRITATIO
N. INTENTIONAL INHALATION MAY CAUSE CNS TOXICITY. CHRONIC-
UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO
NOT IN DUCE VOMITING. IF CONSCIOUS, DRINK SEVERAL GLASSES OF WATER.

SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS,
KEEP HEAD BELOW HIPS.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:102F,39C

Lower Limits:0.8%

Upper Limits:7.0%

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T
USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE
REIGNITED.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA
WITHOUT PROPER PROTECTIVE EQUIPMEN

T AND NIOSH-APPROVED AIR-SUPPLIED

BREATHING EQUIPMENT. COOL CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE
ABSORBEN

T SUCH AS SAND OR VERMICULITE. PREVENT LIQUID FROM ENTERING
SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY
FROM HEAT, FLAMES, SPARKS, HOT SURFACES & INCOMPATIBLE MATERIALS.
KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT, CUT, DRILL, GRING, WELD OR DO SIMILAR
OPERATIONS TO "EMPTY" CONTAINERS. THEY CONTAIN FLAMMABLE RESIDUE.

USE PROPER BONDING AND GROUNDING PROCEDURES DURING TRANSFER
OPERATIONS. KEEP OUT OF REAC H OF CHILDREN. DO NOT BREAHTE
VAPOR/MIST

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED WITH XEROX
ENGINEERING SYSTEMS PRODUCTS.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT TO CONTROL VAPOR
CONCENTRATIONS.

Protective Gloves:NEOPRENE FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL

SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:320F - 356F

Vapor

Pres:1 @ 68F

Vapor Density:5.0

Spec Gravity:0.77

VOC Pounds/Gallon:730

Evaporation Rate & Reference:0.3 (N-BUTYL ACETATE=1)

Solubility in Water:IMMISCIBLE

Appearance and Odor:BLACK LIQUID - SLIGHT ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM HYPOCHLORITE OR CALCIUM HYPOCHLORITE

Stability Condition to Avoid:H

EAT, FLAMES, SPARKS, HOT SURFACES

Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN AN APPROVED INCINERATOR OR CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE, TREATMENT OR DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.

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