

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

Emerge

ncy 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 FE

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

=====  
Composition/Information on Ingredients  
=====

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

=====  
====  
Hazards Identification  
=====

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  
IRRITATION  
. INTENTIONAL INHALATION MAY CAUSE CNS TOXICITY. CHRONIC-  
UNKNOWN.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION

=====  
First Aid Measures  
=====

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 EQUIPMENT  
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  
ABSORBENT  
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 S

PLASH 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:HE

AT, 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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for

use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.