

XEROX ENGINEERING SYSTEMS -- CE-PROCESS BLACK TYPE H,4405-32 -- 6850-01-173-3992

===== Product Identification =====

Product ID:CE-PROCESS BLACK TYPE H,4405-32

MSDS Date:01/05/1995

FSC:6850

NIIN:01-173-3992

MSDS Number: BZQYF

=== 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 ENGINEERING SYSTEMS

Address:5853 RUE FERRARI 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
Rep
orts 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, GRIND, WELD OR DO SIMILAR OPERATIONS TO "EMPTY" CONTAINERS. THEY CONTAIN FLAMMABLE RESIDUE. USE PROPER BONDING AND GROUNDING PROCEDURES DURING TRANSFER OPERATIONS. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE 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:HEAT, FLAMES, SPARKS, HOT SURFACES

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

===== Disposal Considerat
ions =====

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.

===== Other Information =====

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.