

JOHN C. DOLPH COMPANY -- AC-41 SYNTHITE -- 5970-01-190-5473

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

Product ID:AC-41 SYNTHITE

MSDS Date:01/01/1987

FSC:5970

NIIN:01-190-5473

MSDS Number: BRFTF

=== Responsible Party ===

Company Name:JOHN C. DOLPH COMPANY

Address:NEW ROAD

Box:267

City:MONMOUTH JUNCTION

State:NJ

ZIP:08852

Country:US

Info Phone Num:908-329-2333

Emergency Phone Num:908-329-2333

CAGE:DO943

==

= Contractor Identification ===

Company Name:ELECTRICAL INSULATION SUPPLY INC.

Address:1255 COLLIER RD. NW

Box:City:ATLANTA

State:GA

ZIP:30318-2308

Country:US

Phone:404-355-0748

CAGE:8C914

Company Name:JOHN C. DOLPH CO.

Address:WEST NEW RD

Box:267

City:MONMOUTH JUNCTION

State:NJ

ZIP:08852-9513

Country:US

CAGE:DO943

Company Name:JOHN C. DOLPH COMPANY

Address:NEW ROAD

Box:267

City:MONMOUTH JUNCTION

State:NJ

ZIP:08852

Country:US

Phone:908-329-2333

CAGE:72688

===== Composition/Information

on Ingredients =====

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 60-70%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:TLV=100PPM ZYLENES

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:IRRITANT.S

KIN:IRRITANT,CAUSES

DRYNESS.THIS PRODUCT IS DERMALLY ABSORBED.INHAL:IRRITATES NOSE AND THROAT;MAY CAUSE CNS DEPRESSION.PROLONGED EXPOSURE MAY CAUSE LIVER DAMAGE.INGEST:LARGE AMOUNTS MAY CAUSE IRRITATION OF THE DIGESTIVE TRACTAND CNS DEPRESSION.MATERIEL MAY CAUSE LUNG DAMAGE IF VOMITTED AFTER SWALLOWING.

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of

Overexposure:EYES:BURNING,TEARING,REDNESS,SWELLING.SKIN:REDNESS,BURNING,DRYING,CRACKING.CNS EFFECTS FROM

INGEST/INHAL:DROWSINESS,DIZZINESS,LOSS OF COORDINATION,FATIGUE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR PRE-EXISTING LUNG CONDITIONS(EG.ASTHMA) MAY BE AT INCREASED RISK.

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

First Aid:EYES:REMOVE VICTIM FROM SOURCE OF VAPORS.FLUSH EYES WITH WATER FOR 15 MINUTES.CALL PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.CALL PHYSICIAN IF IRRITATION PERSIS

TS.INHAL:REMO VE FROM EXPOSURE.GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED.CALL PHYSICIAN.INGEST:INDUCE VOMITING ONLY BY ADVICE OF PHYSICIAN.LAY VICTIM ON LEFT SIDE;HEAD DOWN;GET PROMPT QUALIFIED MEDICAL HELP.

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

Flash Point Method:TCC

Flash Point:81F,27C,TCC

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:SMALL FIRES:FOAM,CARBON DIOXIDE,DRY CHEMICAL.LARGE FIRES:WATER MAY BE INEFFECTIVE.

Fire Fighting P

rocedures:USE A SELF-CONTAINED BREATHING APPARATUS.USE
WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND PREVENT THE SPREAD
OF BURNING LIQUID.

Unusual Fire/Explosion Hazard:THIS MATERIEL IS EASILY IGNITED BY
HEAT,SPARKS,FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:REMOVE SOURCES OF IGNITION.STAY UPWIND AND
VENTILATE AREA.CONTAIN SPILL WITH NON-FLAMMABLE INERT
MATERIEL;AVOID ENTRY INTO WATERWAYS.PUT I
NTO A SUITABLE CONTAINER
FOR DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND IN
A COOL,DRY AREA AWAY FROM SOURCES OF IGNITION,

Other Precautions:AVOID INHALING VAPORS.EMPTY CONTAINERS MAY CONTAIN
EXPLOSIVE VAPORS.

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

Respiratory Protection:USE EITHER A NIOSH/MSHA APPROVED RESPIRATOR FOR
XYLEN

ES OR AND AIR SUPPLIED RESPIRATOR IN THE ABSENSE OF ADEQUATE
ENVIRONMENTAL CONTROLS.

Ventilation:LOCAL EXHAUST,EXPLOSION-PROOF.

Protective Gloves:PLASTIC,HYDROCARBON INSOL.RUBBER

Eye Protection:CHEMICAL GOGGLES WITH SPLASH SHIELDS.

Other Protective Equipment:EYE WASH STATION.NEOPRENE APRON.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health

NONE

=====

== Physical/Chemical Properties =====

HCC:F3

Boiling Pt.=137.8C, 280.F

B.P. Text:280-290F

Vapor Density:3.7

Spec Gravity:0.94

Evaporation Rate & Reference:0.47 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIQUID,CLEAR;AMBER;AROMATIC ODOR

Percent Volatiles by Volume:60-70

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, BASES OR OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT AND

FIRE.

Hazardous Decomposition Products:CO,CO2 AND OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE OF MATERIEL IN ACCORDANCE WITH
FEDERAL,SATTE AND LOCAL REGULATIONS.

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 informati
on 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.