

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.
SKIN: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,BUR
NING,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
PERSI

STS.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

Procedures: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 INTO 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 XYLE

NES 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 informat

ion 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.