

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

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Product Identification  
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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

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== 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

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Composition/Information  
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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,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 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

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=== 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.

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