

DYKEM -- DXX-290,DYKEM LAYOUT RED -- 6850-00-241-9712

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

Product ID:DXX-290,DYKEM LAYOUT RED

MSDS Date:10/05/1989

FSC:6850

NIIN:00-241-9712

MSDS Number: BDMPS

=== Responsible Party ===

Company Name:DYKEM

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114

Country:US

Info Phone Num:314-423-0100

Emergency Phone Num:314-423-0100

CAGE:KO794

=== Contractor Iden

tification ===

Company Name:DYKEM

Address:8501 DELPORT DRIVE

Box:City:ST. LOUIS

State:MO

ZIP:63114

Country:US

Phone:314-423-0100

CAGE:KO794

Company Name:ITW DYKEM/ DYMON

Address:805 E OLD 56 HWY

Box:City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:800-443-9536

CAGE:98148

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

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 30-40%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt

Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 50-60%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 3-6%
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CALCIUM LITHOL RED
CAS:1103-39-5
Fraction by Wt: 6-12%

Ingred Name:CELLULOSE NITRATE (PROPORTIONAL 70/30 WITH ISOPROPANOL)
CAS:9004-70-0
RT
ECS #:QW0970000
Fraction by Wt: 2.1-4.2%

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 0.9-1.8%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO BODY TISSUES.
PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DERMA

TITIS. INHALATION

MAY PRODUCE CENTRAL NERVOUS SYSTEM EFFECTS. NO INFORMATION WAS READILY AVAILABLE ON CHRONIC EFFECTS.

Effects of Overexposure: EYE: IRRITATION, BURNING. SKIN: DRYING, DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALED: RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, NAUSEA. INGESTED: G/I IRRITATION, NAUSEA.

Medical Condition Aggravated by Exposure: NONE REPORTED

=====
First Aid Measures
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First Aid: EYE: FLUSH WITH WATER 15 MIN. SKIN: REMOVE CONTAMINATED

CLOTHING. WASH AREA WITH SOAP AND WATER. LAUNDRY CLOTHING BEFORE REUSE. INHALED: REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. INGESTED: DO NOT INDUCE VOMITING. GIVE WATER OR MILK. (NOTHING BY MOUTH IF UNCONSCIOUS) GET IMMEDIATE MEDICAL CARE. IF SYMPTOMS PERSIST OR ARE SEVERE, GET MEDICAL CARE.

=====
Fire Fighting Measures
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Flash Point Method: TCC

Flash Point: 53F/12C

Lower Limits: 1.4

Upper Limit

11.2

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS. WATER MAY BE USED TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard: VAPORS ARE HEAVIER THAN AIR AND FLASHBACK ALLOWS VAPOR TRAIL MAY OCCUR.

=====
Accidental Release Measures
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Spill Release Procedures: WIPE UP WITH PAPER, CLOTH. STORE IN CLOSED CONTAINER. USE APPROPRIATE PRECAUTIONS TO PROTECT PERSONNEL AND PREVENT IGNITION.

Neutralizing Agent: NONE - USE ALCOHOL AS SOLVENT FOR CLEANING.

=====
Handling and Storage
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Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM HEAT, SPARKS, OTHER IGNITION SOURCES.

Other Precautions: NONE

=====
Exposure Controls/Personal Protection
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Respiratory Protection: NONE EXPECTED TO BE NECESSARY. USE NIOSH/MSHA RESPIRATOR IF SYMPTOMS OCCUR OR PEL/TLV ARE EXCEEDED

EDED.

Ventilation:NORMAL ROOM VENTILATION. LOCAL EXHAUST MAY BE REQUIRED UNDER SOME CONDITIONS.

Protective Gloves:NONE SHOULD BE NEEDED(SEE OTHER PRO.EQPT

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:PROTECTIVE EQUIPMENT AS NEEDED TO PREVENT PROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRAVTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

MFR DATES MSDS ON DRY MAILED,NOT DAY REVISED.

===== Physical/Chemical

Properties =====

HCC:F2

Boiling Pt:=71.1C, 160.F

Vapor Pres:36 MM

Vapor Density:>1

Spec Gravity:0.86

Evaporation Rate & Reference:>1 BUAC

Solubility in Water:APPRECIABLE

Appearance and Odor:INTENSE RED COLOR,SWEET SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT,IGNITION SOURCES

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
MFR SUGGESTS INCINERATION.

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