

DYKEM COMPANY -- DX-100 DYKEM STEEL BLUE -- 6850-00-985-6227

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Product Identification
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Product ID:DX-100 DYKEM STEEL BLUE

MSDS Date:10/05/1989

FSC:6850

NIIN:00-985-6227

MSDS Number: BGBPR

=== Responsible Party ===

Company Name:DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114-5905

Country:US

Info Phone Num:314-423-0100

Emergency Phone Num:314-423-0100

Preparer's

Name:R.J. BELLEVILLE

CAGE:EO153

=== Contractor Identification ===

Company Name:DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114-5905

Country:US

Phone:314-423-0100

CAGE:EO153

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

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Composition/Information on Ingredients
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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 #:RQ6300000
Fraction by Wt: 50-60%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 8990

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:METHYL VIOLET
CAS:8004-87-3
RTECS #:GC8425000
Fraction by Wt: 6-12%

Ingred Name
:COLLODION (CELLULOSE NITRATE)
CAS:9004-70-0
RTECS #: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

Ingred Name:NITROCELLULOSE & ISOPROPYL ALCOHOL ARE IN A 70-30% MIXTURE.
THESE INGREDIENTS ARE 3-6% OF THE TOTAL MIXTURE.
RTECS #:9999999ZZ

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

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: EYE: IRRITATION, BURNING SKIN: DRYING. DERMATITIS WITH PROLONGED/REPEATED CONTACT. INHALED: RESPIRATORY IRR

ITATION, DIZZINESS, HEADACHE, NAUSEA. INGESTED: G/I IRRITATION, NAUSEA.

Medical Condition Aggravated by Exposure: NONE REPORTED

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First Aid Measures
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First Aid: EYE: FLUSH WITH WATER 15 MIN, HOLD LIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING/GIVE OXYGEN IF NEEDED. GET MEDICAL CARE. INGESTED: GIVE 2 GLASSES OF MILK OR WATER, DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE. IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

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Fire Fighting Measures
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Flash Point Method: TCC
Flash Point: 54.0 F, 12.2 C
Lower Limits: 1.4
Upper Limits: 11.2 O₂
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEM., 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 MAY FLASH BACK FROM DISTANT IGNITION SOURCE.

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Accidental Release Measures
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Spill Release Procedures: WIPE UP WITH PAPER OR CLOTH. STORE IN CLOSED CONTAINER. USE APPROPRIATE PRECAUTIONS TO PROTECT PERSONNEL AND PREVENT IGNITION.
Neutralizing Agent: NONE

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Handling and Storage
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Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM HEAT SOURCE

RKS AND OTHER IGNITION SOURCES.

Other Precautions:NONE

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS IF SYMPTOMS OCCUR OR PEL/TLV IS EXCEEDED.

Ventilation:NORMAL VENTILATION IS USUALLY SUFFICIENT. LOCAL EXHAUST MAY BE NECESSARY UNDER SOME WORKING CONDITIONS.

Protective Gloves:NOT NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CLOTHI

NG AS DICTATED BY JOB CONDITIONS TO

PREVENT PROLONGED AND/OR REPEATED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID ANY UNNECESSARY CONTACT.

Supplemental Safety and Health

MFR DATES MSDS ON DAY MAILED, NOT ON DAY REVISED.

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===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:160F,71C

Vapor Pres:36 MM

Spec Gravity:0.86

Evaporation Rate & Reference:>1 BUTYL ACETATE

Solubility in Water:APPRECIABLE

Appearance and

Odor:INTENSE BLUE COLORED LIQUID, SWEET SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, IGNITION SOURCES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE

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

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

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