

DYKEM COMPANY -- LAYOUT FLUIDS,DYKEM, TRANSPARENT SERIES -- 6850-00-663-0114
===== Product Identification =====

Product ID:LAYOUT FLUIDS,DYKEM, TRANSPARENT SERIES

MSDS Date:01/25/1990

FSC:6850

NIIN:00-663-0114

MSDS Number: BJKXR

=== 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 Ph

one Num:314-423-0100

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

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

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 30-40%

Other

REC Limits:NONE SPECIFIED
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) (DENATURED)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 50-60%
Other REC Limits:NONE SPECIFIED
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%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt
Qty:5000 LBS

Ingred Name:COLLODION (CELLULOSE NITRATE)
CAS:9004-70-0
RTECS #:QW0970000
Fraction by Wt: 2.1-4.2%
Other REC Limits:NONE SPECIFIED

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 0.9-1.8%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:DYE
Fraction by Wt: 6-12%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalatio

n:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:RESPIRATORY IRRITATION. HIGH CONCENTRATIONS OF VAPORS MAY PRODUCE HEADACHE, DIZZINESS, AND NAUSEA. EYE CONTACT CAUSES BURNING AND IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY LEAD TO DRYING, IRRITATION AND DERMATITIS.

Explanation of Carcinogenicity:THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS CONSIDERED TO BE CARCINOGENIC BY IARC, NTP OR OSHA. NONE

OF THE COMPOUNDS IN

Effects of Overexposure:DIZZINESS, NAUSEA, IRRITATION OF SKIN, RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:EYE CONTACT CAUSES BURNING AND IRRITATION. REPEATED OR PROLONGED SKIN CONTACT MAY LEAD TO DRYING, IRRITATION, DERMATITIS.

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

First Aid:FLUSH EYE CONTACT OR PROLONGED SKIN CONTACT WITH LARGE AMOUNT OF WATER. IF EXPOSED TO EXCESSIVE VAPORS, REMOVE TO FRESH AIR. IF SWALLOWED,

CONTACT LOCAL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY .

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Autoignition Temp:Autoignition Temp Text:UNKNON

Lower Limits:1.4

Upper Limits:11.2

Extinguishing Media:CARBON DIOXIDE, REGULAR FOAM, DRY CHEMICAL

Fire Fighting Procedures:WEAR SCBA IN ENCLOSED AREAS. WATER MAY BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY

TRAVEL ALONG THE GROUND OR MOVE THROUGH THE VENTILATION SYSTEM AND BE IGNITED BY REMOTE SPARKS OR IGNITION SOURCES.

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

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. (SEE SECTION VIII) REMOVE HEAT AND SOURCES OF IGNITION. VENTILATE THE AREA; CLEAN UP WITH INERT ABSORBENT.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

=====

Handling and Storage Precautions:STORE COOL AND DRY AWAY FROM HEAT,
SPARKS, OR OPEN FLAME.

Other Precautions:USE WITH ADEQUATE VENTILATION. AVOID PROLONGED SKIN
CONTACT.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER
EXPOSURE WEAR NIOSH APPROVED ORGANIC VAPOR RESPIROATR.

Ventilation:GENERAL EXHAUST ACCEPTABLE UNDER NORMAL CONDITIONS. LOCAL
EXHAUST NECESSARY UNDER SOME HANDLING OR U
SE CONDITIONS.

Protective Gloves:NONE NEEDED UNDER NORMAL USE CONDITIONS

Eye Protection:NONE NEEDED UNDER NORMAL USE CONDITIONS*

Other Protective Equipment:WEAR NEOPRENE OR CHEMICAL RESISTANT GLOVES &
APRON AS NEEDED TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:USE WITH ADEQUATE VENTILATION. HMIS: USE GOOD
INDUSTRIAL HYGIENE PRACTICES. WASH AFTER HANDLING & BEFORE
EATING/DRINK.

Supplemental Safety and Health

*IF SPLASH POTENTIAL EXISTS, WEAR CHEMICAL SPLASH
GOGGLES OR FACE

SHIELD. **MSDS WAS RECEIVED FROM NAVY (FOCAL POINT N). NAVY
IDENTIFIED THE NSN. DATE WAS HAND WRITTEN IN THE APPROPRIATE BOX,
WHILE THE REST WAS TYPEWRITTEN.

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

HCC:F2

NRC/State Lic Num:NONE

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

Melt/Freeze Pt:M.P/F.P Text:LIQUID

Vapor Pres:36

Vapor Density:>1

Spec Gravity:0.86

pH:UNKNON

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECI

BLE

Appearance and Odor:INTENSE COLOR, SWEET SOLVENT ODOR

Percent Volatiles by Volume:UNKNON

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT SPARKS AND OPEN FLAME

Hazardous Decomposition Products:BY FIRE: CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:WASTE MSY BE BURNED IN AN APPROVED IN CINERATOR

OR DISPOSE OF ACCORDING TO FEDERAL, STATE 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 information 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.