

DYKEM COMPANY -- DYKEM MARKING BLACK KX-425 -- 7510-00-106-8029

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

Product ID:DYKEM MARKING BLACK KX-425

MSDS Date:04/14/1987

FSC:7510

NIIN:00-106-8029

MSDS Number: BGVJB

=== Responsible Party ===

Company Name:DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MI

ZIP:63114

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

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

Ingred Name:NIGROSINE BASE

CAS:8005-02-5

Fraction by Wt: 2-5%

Ingred Name:1,2-PROPANEDIOL MONOMETHYL ETH

ER (DOWANOL PM)
CAS:1320-67-8
RTECS #:TZ0660000
Fraction by Wt: 35-45%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:1,2-PROPANEDIOL, MONOBUTYL ETHER (PROPASOL SOLVENT P)
CAS:29387-86-8
RTECS #:TZ0630000
Fraction by Wt: 5-15%

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 10-20%
Other REC Limits:50 PPM
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 20-30%
Other REC Limits:1000 PPM
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:RESIN (PETRIX 775T)
Fraction by Wt: 5-10%
Other REC Limits:10 MG/CUM (DUST)

===== 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:INHALATION: MAY PRODUCE SYMPTOMS OF
NERVOUS SYSTEM DEPRESSION RANGING FROM LIGHT-HEADEDNESS TO
UN

CONSCIOUSNESS. CAN CAUSE HEADACHE, NAUSEA, DIZZINESS, IRRITATION OF THE NASAL & SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: DIZZINESS, IRRITATION OF THE NASAL. SKIN: IRRITATION.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. INGESTION: DON'T INDUCE VOMITING, CALL PHYSICIAN IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR.

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

Flash Point Method:TOC

Flash Point:70F

Lower Limits:3.5%

Upper Limits:11.2%

Extinguishing Media:CO, REGULAR FOAM, DRY CHEMICAL

Fire Fighting Procedures:WEAL SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:VAPORS ARE >AIR & MAY TRAVEL ALONG GROUND, & MAY BE IGNITED BY SPARKS, FLAME OR OTHER IGNITION SOURCES.

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

Spill Release Procedures:SOAK UP IN WASTE MATERIAL AND RE MOVE TO OUT OF DOORS. SMALL AMOUNTS IN NORMAL TRASH.

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

Handling and Storage Precautions:STORE COOL & DRY AWAY FROM EXCESSIVE HEAT, SPARKS, OR FLAME. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION.

Other Precautions:AVOID PROLONGED OR REPEATED CONTACT W/SKIN.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS

Ventilation:LOCAL EXHAUS

T: PREFERRED (ORDINARY) MECHANICAL: ACCEPTABLE
Protective Gloves:NONE NEEDED
Eye Protection:NONE NEEDED UNDER NORMAL CONDITIONS
Other Protective Equipment:NONE NEEDED
Work Hygienic Practices:USE WITH ADEQUATE VENTILATION.
Supplemental Safety and Health

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

HCC:F3
Boiling Pt:B.P. Text:175F
Melt/Freeze Pt:M.P/F.P Text:LIQUID
Vapor Pres:22
Vapor Density:>1
Spec Gravity:22
Evaporation Rate & Reference:(BU AC = 1) >1
Solubility in
Water:PARTIALLY
Appearance and Odor:INTENSE COLOR, MILD ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:SPARKS, FLAME, HEAT
Hazardous Decomposition Products:CO₂, CO

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

Waste Disposal Methods:NORMAL FOR FLAMMABLES, INCINERATE OR NORMAL FOR
FLAMMABLE WASTE, IN ACCORDANCE WITH LOCAL, STATE & FEDERAL
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
partic

ular situation.