

DRI-SLIDE, INC -- PENETRATING OIL (VV-P-216C) -- 9150-00-261-7899

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

Product ID: PENETRATING OIL (VV-P-216C)

MSDS Date: 08/20/1985

FSC: 9150

NIIN: 00-261-7899

MSDS Number: BPTXR

=== Responsible Party ===

Company Name: DRI-SLIDE, INC

Address: 411 DARLING ST

City: FREMONT

State: MI

ZIP: 49412-1290

Country: US

Info Phone Num: 616-924-3950

Emergency Phone Num: 616-924-3950

Preparer's Name: RICHARD MADDEN

CAGE: 25707

=== Contractor Identification ===

Company Name: DRI-SLIDE, INC

Address: 411 DARLING ST

City: FREMONT

State: MI

ZIP: 49412-1290

Country: US

Phone: 616-924-3950

CAGE: 25707

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

Ingred Name: NAPHTHENIC OILS, CATALYTIC DEWAXED HEAVY

CAS: 64742-68-3

RTECS #: PY8044500

Fraction by Wt: 28%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

Ingred Name: MINERAL SPIRITS

CAS: 64742-86-7

Fraction by Wt: 71%

Other REC Limits: NONE RECOMMENDED

Ingred Name: ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS #: KW2975000

Fraction by Wt: <1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: C 50 PPM

ACGIH TLV: C 50 PPM, VAPOR; 9293

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: MONOBUTYL ETHER

CAS: 111-76-2

RTECS #:KJ8575000
Fraction by Wt: <1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION OF HIGH
CONCENTRATIONS OF VAPOR MAY CAUSE CENTRAL NERVOUS SYSTEM
DEPRESSION. CHRONIC: PROLONGED OR REPEATED CONTACT MAY CAUSE
DEFATTING AND IRRITATION OF SKIN.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTE AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED: COUGHING, WHEEZING, SHORTNESS OF
BREATH, DIZZINESS, DROWSINESS, NAUSEA, VOMITING, HEADACHE. SKIN:
DRY SKIN, REDNESS, SWELLING, ITCHING.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED: MOVE TO FRESH AIR. GIVE RESPIRATORY SUPPORT AS
NEEDED. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE
DOCTOR. INGESTED: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL
HELP. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTESWHILE HOLDING
EYELIDS OPEN. SEE DOCTOR.

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

Flash Point Method:TCC
Flash Point:110F,43C
Lower Limits:0.9%
Upper Limits:6.0%
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, OR WATER
SPRAY/FOG
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
BUNKER GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:DO NOT MIX OR STORE WITH STRONG OXIDIZING
AGENTS.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN
SPILL. DO NOT ALLOW MATERIAL INTO SEWERS OR WATERWAYS. WEAR PROPER
PROTECTIVE CLOTHING. RECOVER FREE LIQUID OR ABSORB WITH INERT
MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN
USE. DO NOT USE OR STORE NEAR SOURCES OF IGNITION OR INCOMPATIBLE
MATERIALS.
Other Precautions:AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED
CONTACT.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF ENGINEERING CONTROLS FAIL AND DURING EMERGENCIES. USE SCBA IF USED IN CONFINED AREA/ SPACE. USE RESPIRATORY PROTECTION IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:USE ONLY WITH ADEQUATE VENTILATION. IF USED, LOCAL EXHAUST SHOULD HAVE >60 FPM.

Protective Gloves:NITRILE, PVA

Eye Protection:CHEMICAL SPLASH GOGGLES IF SPLASH LIKELY

Other Protective Equipment:USE CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:>350F,>177C

Melt/Freeze Pt:M.P/F.P Text:<-40F,<-40C

Vapor Pres:<10 MM HG

Vapor Density:4.8 (AIR=1)

Spec Gravity:0.82 (WATER=1)

Evaporation Rate & Reference:<0.1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:STRAW YELLOW COLOR, MINERAL SPIRITS ODOR

Percent Volatiles by Volume:72

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:SOURCES OF IGNITION OR CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, FUME, SMOKE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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