

SANDSTROM PRODUCTS COMPANY -- 9A DRY FILM LUBE;E750-675 -- 9150-00-948-6912

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

Product ID:9A DRY FILM LUBE;E750-675

MSDS Date:10/02/1991

FSC:9150

NIIN:00-948-6912

MSDS Number: BFYSW

=== Responsible Party ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

Box:547

City:PORT BYRON

State:IL

ZIP:61275-9501

Country:US

Info Phone Num:309-523-2121

Eme

rgency Phone Num:800-424-9300

CAGE:34227

=== Contractor Identification ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

Box:City:PORT BYRON

State:IL

ZIP:61275

Country:US

Phone:309-523-2121

CAGE:34227

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 15-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 25-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:50 PPM; 9293
ACGIH TLV:100 PPM/150 STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PINE OIL
CAS:8002-09-3
RTECS #:TK5100000
Other REC Limits:NONE SPECIFIED

Ingred Name:BASIC LE
AD PHOSPHITE
CAS:12141-20-7
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

Ingred Name:ANTIMONY TRIOXIDE (SARA III)
CAS:1309-64-4
RTECS #:CC5650000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.5 MG/M3 (SB)
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (MO)
ACGIH TLV:10 MG/M3 (MO)

Ingred Name:BISPHENOL A EPOXY RESIN
CAS:25036-25-3

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL RAT LD50: 5000MG/KG FOR TOLUENE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES:MODERATELY IRRITATING.MAY CAUSE

CORNEAL INJURY.SKIN:MAY BE IRRITATING;MAY CAUSE

DEFATTING,DRYING.INHAL:MAY IRRITATE NOSE,THROAT,RESPIRATORY

TRACT,MUCOUS MEMBRANES.MAY CAUSE CNS DE

PRESSION.OVEREXP OSURE MAY

CAUSE PERMANENT BRAIN,CNS DAMAGE.INGEST:MODERATELY TOXIC.POSSIBLE

DAMAGE TO LIVER,KIDNEY,BLOOD FORMING ORGANS.

Explanation of Carcinogenicity:MEK IS CONSIDERED TO BE FETOTOXIC.LEAD

COMPOUNDS ARE A CANCER SUSPECT.

Effects of Overexposure:SKIN:DERMATITIS.CNS

DEPRESSION:HEADACHE,DIZZINESS,NAUSEA,SYMPTOMS OF INTOXICATION

...UNCONSCIOUSNESS,DEATH.LEAD POISONING:LOSS OF APPETITE,METALLIC

TASTE IN MOUTH,ANXIETY,CONSTIPATION,NAUSEA,PALLOR,TI

REDNESS

,WEAKNESS,INSOMNIA,HEADACHE,IRRITABILITY,JOINT

PAIN,TREMORS,NUMBNESS,DIZZINESS,HYPERACTIVITY,COLIC.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN, EYE AND

RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS

PRODUCT. IMPAIRED CENTRAL NREVOUS SYSTEM FUNCTIONS FROM PREEXISTING

DISORDERS MAY BE AGGRAVATED.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET ME

DICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH

SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.

INHALATIO N: REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH RESUSCITATION

IF NOT BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE

VOMITING.GET MEDICAL ATTENTION.IF VOMITING OCCURS,KEEP HEAD LOWER

THAN HIPS.

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

Flash Point Method:SCC

Flash Point:44.0F,6.7C

Extinguishing Media:USE WATER FOG, CARBON

DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
SPRAY.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE.

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

Spill Release Procedures:LARGE SPILLS:EVACUATE PERSONNEL.USE PROPER
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF
LEAK(SAFELY).DIKE+CONTAIN.USE WATER FOG TO SUPPRESS VAPOR/CONTAIN
RUNOFF.SOAK UP RESIDUE WITH NON-COMB.ABSORBANT;PLACE IN CONTAINER
FOR DISP.CLEAN SPILL AREA.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT,
SPARKS AND FLAME. EXTINGUISH PILOT LIGHTS AND OTHER SOURCES OF
IGNITIONS PRIOR TO USE AND UNTIL VAPORS ARE GONE.
Other Precautions:CONTAINERS MAY CONTAIN HAZARDOUS PRODUCT RESIDUES
EVEN WHEN EMPTY. THE DRIED FILM OF THIS
PRODUCT MAY BECOME A DUST
NUISANCE WHEN REMOVED BY SANDING OR GRINDING. TAKE APPROPRIATE
MEASURES TO PREVENT SKIN CONTACT.

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

Respiratory Protection:IF EXPOSURE EXCEEDS TLV USE A NIOSH-APPROVED
RESPIRATOR TO PREVENT OVEREXPOSURE.
Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves:NEOPRENE OR NITRILE RUBBER GLOVES
Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES
Other Protective Equipment:WEAR INDUSTRIAL WORK CLOTHING. USE RUBBER
APRON OR BOOTS IF NEEDED. HAVE EMERGENCY EYE WASH AND SAFETY SHOWER
AVAILABLE.
Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.
Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON

LABEL BEFORE USE.

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

HCC:F2

Vapor Density:>1 (AIR=1)

Spec Gravity:1.14

Evaporation Rate & Reference:0 (NBUAC=1)

Appearance and Odor:NOT REPORTED

Percent Volatiles by Volume:79.5

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS, STRONG ACIDS, ALDEHYDES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Haz

ardous Decomposition Products:LEAD OXIDE FUMES, CARBON DIOXIDE,
CARBON MONOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS.

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

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

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