

SANDSTROM PRODUCTS COMPANY -- E750-G75 9A DRY FILM LUBRICANT -- 9150-01-242-0327

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Product Identification  
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Product ID:E750-G75 9A DRY FILM LUBRICANT

MSDS Date:03/13/1995

FSC:9150

NIIN:01-242-0327

MSDS Number: BPCDN

=== 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:309-5

23-2121

Emergency Phone Num:309-523-2121/800-424-9300(CHEMTREC)

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

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Composition/Information on Ingredients  
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9293

Ingred Name:METHYL ETHYL K

ETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 15-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9293  
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 RECOMMENDED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PINE OIL  
CAS:8002-09-3  
RTECS #:TK5100000  
Other REC L  
imits:NONE RECOMMENDED

Ingred Name:BASIC LEAD PHOSPHITE  
CAS:12141-20-7  
Fraction by Wt: 1-5% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.15 MG/M3 AS LEAD  
ACGIH TLV:0.15 MG/M3 AS LEAD

Ingred Name:ANTIMONY TRIOXIDE (SARA III)  
CAS:1309-64-4  
RTECS #:CC5650000  
Fraction by Wt: 5-10% %  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3 (SB)  
ACGIH TLV:0.5 MG SB/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Other REC Limits:NONE

RECOMMENDED  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:BISPHENOL A EPOXY RESIN  
CAS:25036-25-3  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN

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

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

Health Hazards Acute and Chronic:MODERATE EYE IRRITATION, POSSIBLE  
CORNEAL DAMAGE, MODERATE SKIN IRRITATION, SKIN DEFATTING/DRYING,  
NOSE/THROAT/ RE

SPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM  
DEPRESSION, POSSIBLE PERMANENT BRAI N AND NERVOUS SYSTEM DAMAGE,  
MODERATELYTOXIC BY INGESTION, POSSIBLE KIDNEY DAMAGE, KIDNEY/LIVER  
DAMAGE, LUNG DAMAGE.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS  
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE/SKIN IRRITATION, DERMATITIS, NOSE/  
THROAT/RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA  
AND SYMPTOMS OF INTOXI

CATION, UNCONSCIOUSNESS, LOSS OF APPETITE,  
METALLIC TASTE IN MOUTH, ANXIET Y, CONSTIPATION, PALLOR, EXCESSIVE  
TIREDNESS, WEAKNESS, INSOMNIA, HEADACHE, NERVOUS IRRITABILITY,  
NUMBNESS, DIZZINESS

Medical Cond Aggravated by Exposure:PREEXISTING SKIN, EYE AND  
RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS  
PRODUCT. IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS FROM PREEXISTING  
DISORDERS MAY ALSO BE AGGRAVATED.

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

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First Aid:EYES: IMMEDIATLEY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER  
FOR AT LEAST 15 MINUTES. SEEK PROMPT MEDICAL ATTENTION. SKIN:  
REMOVE CONTAMINATED CLOTHING. WIPE EXCESS FROM SKIN AND FLUSH WITH  
WATER AND SO AP. SEEK MEDICAL ATTENTION IF IRRITATIONPERSISTS.  
INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. SEEK PROMPT  
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS,  
PUT HEAD BELOW HIPS.

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

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Flash Point Method:SCC

Flash Point:44.0F,6.7C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE

Fire Fighting Procedures:WARNING. FLAMMALBE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING SCBA.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FORM FIRES SHOULD BE COOLED TO PREVENT PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:EVACUATE AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS. CONTAIN RUN-OFF. SOAK U P RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND,ETC

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====  
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Handling and Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS AND FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER POSSIBLE SOURCES OF IGNITION.

Other Precautions:VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION WOURCES DISTANT FROM HANDLING SITE. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. CONTAINERS, EVEN IF EMPTY, CAN CONTAIN EXPLOSIVE VAPORS.

===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:AVOID PROLONGED OR REPEATED BREATHING OF DUST/ VAPORS. IF EXPOSURE EXCEEDS TLV USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Ventilation:USE VENTILATION AS REQUIRED TO CONTROL VAPO/DUST CONCENTRATIONS.

Protective Gloves:RECOMMENDED

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PROD

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AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY. DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR CONTAINERS.

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

HCC:F2

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:> 1

Spec Gravity:0.89

Evaporation Rate & Reference:0.00 (BUTYL ACETATE=1)

Solubility in Water:NOT GIVEN

Appearance and Odor:

SOLID FILM LUBRICANT, NO ODOR SPECIFIED

Percent Volatiles by Volume:80 %

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING MATERIALS, STRONG ACIDS AND ALDEHYDES

Stability Condition to Avoid:AVOID SPARKS, EXTREME TEMPERATURES AND OPEN FLAMES

Hazardous Decomposition Products:LEAD OXIDE FUMES, CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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