

SANDSTROM PRODUCTS COMPANY -- E750-G75,9A SFL SAE AS5272 TYPE 2 (FORMERLLY MIL-L-46010) -- 9150-00-948-7025

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

Product ID:E750-G75,9A SFL SAE AS5272 TYPE 2 (FORMERLLY MIL-L-46010)

MSDS Date:12/22/1999

FSC:9150

NIIN:00-948-7025

Status Code:A

MSDS Number: CKCKW

=== Responsible Party ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

City:PORT B

RYON

State:IL

ZIP:81275

Country:US

Info Phone Num:309-523-2121

Emergency Phone Num:309-523-2121

Resp. Party Other MSDS Num.:E750-G75

Preparer's Name:NOT PROVIDED.

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO487

=== 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

Contract Num:SP0450-00-M-C093

CAGE:34227

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

Box:City:

PORT BRYON

State:IL

ZIP:81275

Country:US

Phone:309-523-2121

CAGE:TO487

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

Ingred Name:ETHANOL

CAS:64-17-5

RTECS #:KQ6300000

Other REC Limits:NOT PROVIDED.

OSHA PEL:1900 MG/M3;1000 PPM

ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

Minimum % Wt:16.

t Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:25.
Maxumum % Wt:30.
Other REC Limits:NOT PROVIDED.
OSHA PEL:200 PPM
Code:F
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PINE OIL
CAS:8002-09-3
RTECS #:TK5100000
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:DIBASIC LEAD PHOSPHITE
CAS:12141-20-7
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NOT PROVIDED.
OSHA PEL
:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:ANTIMONY TRIOXIDE
CAS:1309-64-4
RTECS #:CC5650000
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NOT PROVIDED.
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Other REC Limits:NOT PROVIDED.
OSHA PEL:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

Ingred Name:BISPHENOL A EPOXY RESIN
CAS:25068-38-6
RTECS #:CE6880000
Other REC Limits:NOT PROVIDED.
OSHA PEL

:NOT PROVIDED.
ACGIH TLV:NOT PROVIDED.

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

LD50 LC50 Mixture:NOT PROVIDED.

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

Health Hazards Acute and Chronic:EYE CONTACT: BASED ON PRESENCE OF COMPONENT 1, PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO EYES. MAY CAUSE CORNEAL INJURY. SKIN: BASED ON COMPONENTS 1 AND 2, PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO THE SKIN. PROLONGED CONTACT MAY DAMAGE THE SKIN. BASED ON COMPONENTS 1 AND 2 AND 3 PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING, DRYING, DERMATITIS. INHALATION: BASED ON COMPONENTS 1 AND 3 HIGH VAPOR CONCENTRATIONS MAY CAUSE IRRITATION, CNS DEPRESSION, BRAIN DAMAGE. INGESTION: BASED ON COMPONENTS INFORMATION, PRODUCT IS MODERATELY TOXIC. MAY CAUSE KIDNEY DAMAGE. CHRONIC - LIVER, KIDNEY, LUNG DAMAGE, LEAD POISONING.

Explanation of Carcinogenicity:ANTIMONY TRIOXIDE IS POSSIBLY CARCINOGENIC TO HUMAN

Effects of Overexposure:EYE, SKIN, RESPIRATORY AND GASTRO-INTESTINAL IRRITATION AS NOTED. CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION, IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. LEAD POISONING MAY RESULT IN LOSS OF APPETITE, METALLIC TASTE IN THE MOUTH, ANXIETY, CONSTIPATION, NAUSEA, PALLOR, EXCESSIVE TIREDNESS, WEAKNESS, INSOMNIA, HEADACHE, NERVOUS IRRITABILITY, MUSCLE AND JOINT PAIN.

FINE TREMORS, NUMBNESS, DIZZINESS, HYPERACIDITY AND COLIC.

Medical Conditions Aggravated by Exposure:PRE-EXISTING SKIN, EYE, RESPIRATORY, AND IMPAIRED CENTRAL NERVOUS SYSTEM FUNCTIONS DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK PROMPT MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED

CLOTHING AND SHOES.

WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. INHALATION: REMOVE VICTIM TO FRESH AIR. TREAT SYMPTOMATICALLY. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS. CONSULT PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER AT ONCE.

==

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

Flash Point Method:SCC

Flash Point:=-6.7C, 44.F

+/- 2 DEGREES

Lower Limits:NOT PROVIDED

Upper Limits:NOT PROVIDED

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

Fire Fighting Procedures:WARNING! FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS, AND A POSITIVE PRESSURE NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

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

Spill Release Procedures:LARGE SPILLS: WEAR APPROPRIATE RESPIRATOR AND

PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE/SMALL SPILLS WITH AN ABSORBENT SUCH AS CLAY, SAND. PLACE IN NON-LEAKING CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.

Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions:KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS, AND FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF POSSIBLE SOURCES OF IGNITION PRIOR TO USE AND UNTIL VAPORS ARE GONE. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE PRODUCT IN ABSENCE OF SPARKS OR FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE. USE WITH ADEQUATE VENTILATION.

CONTAINERS,
EVEN IF EMPTY, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND OR WELD NEAR CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

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

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

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

Protective Gloves:DO NOT GET ON SKIN.

Eye Protection:WEAR GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES.

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

Work Hygienic Practices:NOT PROVIDED.

Supplemental Safety and Health
NONE

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT.

Boiling Pt:=80.C, 176.F

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

Decomp Temp

:Decomp Text:NOT PROVIDED.

Vapor Pres:NOT PROVIDED.

Vapor Density:>1(AIR=1)

Spec Gravity:1.14

pH:NOT APPLICABLE.

VOC Grams/Liter:5.55

Viscosity:NOT PROVIDED.

Evaporation Rate & Reference:0.0 (N-BUTYL ACETATE= 1)

Solubility in Water:NOT PROVIDED.

Appearance and Odor:NOT PROVIDED.

Percent Volatiles by Volume:79.53 +/- 2%

Corrosion Rate:NOT PROVIDED.

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG A

CIDS, ALDEHYDES

Stability Condition to Avoid:NOT PROVIDED.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED.

===== Ecological Information =====

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:REFER TO LATEST EPA OR STATE REGULATIONS
REGARDING PROPER DISPOSAL.

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING
CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF
TITLE III OF THE SUPERFUND AMENDMENTS AND REAUT

HORIZATION ACT

(SARA) OF 1986 AND 40 CFR PART 372.6 5: METHYL ETHYL KETONE,
TOLUENE, DIBASIC LEAD PHOSPHITE, ANTIMONY TRIOXIDE.

Federal Regulatory Information:NOT PROVIDED.

State Regulatory Information:NOT PROVIDED.

===== Other Information =====

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

er,
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.