

SANDSTROM PRODUCTS COMPANY -- LC-300 SFL LEAD FREE SAE AS5272 TYPE 1 --
9150-00-834-5608

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

Product ID:LC-300 SFL LEAD FREE SAE AS5272 TYPE 1

MSDS Date:10/25/2000

FSC:9150

NIIN:00-834-5608

Status Code:A

MSDS Number: CKVMZ

=== Responsible Party ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:218 HIGH STREET

City:PORT BYRON

State:IL

ZIP:61275-9501

Country:US

Info

Phone Num:309-523-2121

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:V755-G75

Chemtrec Ind/Phone:(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

Contract Num:SP0450-01-M-C258

CAGE:34227

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

Ingred Name:PROPYLENE GLYCOL METHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

ACG

IH TLV:369 MG/M3;100 PPM
ACGIH STEL:553 MG/M3;150 PPM

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
Minumum % Wt:20.
Maxumum % Wt:25.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:1,3-DIOXOLANE
CAS:646-06-0
RTECS #:JH6760000

Ingred Name:ANTIMONY TRIOXIDE
CAS:1309-64-4
RTECS #:CC5650000
Minumum % Wt:5.
Maxumum % Wt:10.
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

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:5.
Maxumum % Wt:10.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHANOL
CAS:64-17-5
RTECS #:KQ6300000
OSHA PEL:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

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

Ingred Name:N-BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
OSHA PEL:710 MG/M3;15

0 PPM
ACGIH TLV:713 MG/M3;150 PPM
ACGIH STEL:950 MG/M3;200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:UNKNOWN OSHA:YES
Health Hazards Acute and Chronic:EYE: PRESUMED TO BE MODERATELY
IRRITATING. EXPOSURE MAY CAUSE CORNEAL INJURY. VAPORS IRRITATING.
SKIN: PRESUMED TO BE MODERATELY IRRITATING. PROLONGED CONTACT MAY
CAUSE DAMAGE, CAUSE DEFATTING, DRYING CAUSING DERMATITIS.
INHALATION: IRRITATES NOSE, THROAT, RESPIRATORY TRACT, MUCOUS
MEMBRANES. POSSIBLE CNS DEPRESSION. PROLONGED EXPOSURE MAY CAUSE
POSSIBLE PERMANENT BRAIN, CNS DAMAGE. INTENTIONAL CONCENTRATION OF
VAPORS MAY BE HARMFUL/FATAL. INGESTION: PRESUMED TO BE MODERATELY
TOXIC. IF ASPIRATED INTO LUNGS, MAY RESULT IN SEVERE LUNG DAMAGE.
POSSIBLE CNS DAMAGE. IRRITATING TO GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity:INGREDIENT 4, ANTIMONY TRIOXIDE, IS
LISTED BY NTP & OSHA AS A CARCINOGEN OR POTENTIAL CARCINOGEN.
Effects of Overexposure:EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL
IRRITATION AS NOTED ABOVE. BASED ON THE PRESENCE OF COMPONENTS 1
AND 2 AND 3 AND 6 AND 7 AND 9 CENTRAL NERVOUS SYSTEM DEPRESSION MAY
BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF
INTOXICATION, IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY
OCCUR. BASED ON
THE PRESENCE OF COMPONENT 8 SKIN SENSITIZATION
RESULTS IN ALLERGIC DERMATITIS WHICH MAY INCLUDE RASH, ITCHING,
HIVES AND SWELLING OF EXTREMITIES.

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 BE AGGRAVATED BY EXPOSURE

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

First Aid:EYE: FLUSH WITH LARGE

AMOUNTS OF WATER FOR >15 MIN WHILE

HOLDING EYELIDS OPEN. GET PROMPT MEDICAL HELP. SKIN: REMOVE CONTAMINATED CLOTHES. WIPE OFF EXCESS & WASH WITH SOAP & WATER. GET MEDICAL HELP. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: MOVE TO FRESH AIR & TREAT SYMPTOMATICALLY. GIVE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS

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

Flash Point Method:SCC

Flash Point:=-6.1C, 43.F

+/-2 DEGREES

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: EVACUATE UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE. DIKE & CONTAIN. IF VAPOR CLOUD FORMS, WATER FOG MAY BE USED TO SUPPRESS; CONTAIN RUN-OFF. PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH ABSORBENT. PLACE IN CONTAINERS. FLUSH W/WATER TO REMOVE RESIDUE. SMALL: TAKE UP WITH ABSORBENT. PUT IN CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NOT PROVIDED

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

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 PRIOR TO USE AND UNTIL VAPORS ARE GONE.

Other Precautions:HOT SURFACES MAY IGNITE PRODUCT IN ABSENCE OF SPARKS/FLAME. VAPORS ACCUMULATE & TRAVEL TO DISTANT IGNITION SOURCES. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION. EMPTY CONTAINERS MAY CONTAIN EXPLOSIVE VAPORS.

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===== Exposure Controls/Personal Protection =====
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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 OR ON CLOTHING

Eye Protection:GOGGLES

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

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety
and Health

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===== Physical/Chemical Properties =====
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HCC:F2

Vapor Density:>1

Volatile Org Content %:59

Spec Gravity:1.23

Evaporation Rate & Reference:0.00

Appearance and Odor:LIQUID

Percent Volatiles by Volume:80.50

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

BASED ON THE PRESENCE OF COMPONENT 1-9 AVOID OXIDIZING MATERIALS. BASED ON THE PRESENCE OF COMPONENTS 4, 7, AND 8 AVOID STRONG ACIDS. B

ASED

ON THE PRESENC OF COMPONENT 8 AVOID STRONG ALKALIES. BASED ON THE PRESENCE OF COMPONE

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION. Conditions to Avoid Polymerization:MAY 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:SHIPPING NAME: PAINT, UN1263 BASED ON COPY OF DOT LABEL PROVIDED.

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

SARA Title III Information:METHYL ETHYL KETONE, ANTIMONY TRIOXIDE, TOLUENE ARE SARA 313 CHEMICALS.

Federal Regulatory Information:NOT PROVIDED
State Regulatory Information:NOT PROVIDED

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