

SANDSTROM PRODUCTS COMPANY -- 099, WATERBORNE SFL-SPRAY/DIP -- 9150-01-416-9506  
===== Product Identification =====

Product ID:099, WATERBORNE SFL-SPRAY/DIP  
MSDS Date:11/01/2001  
FSC:9150  
NIIN:01-416-9506  
Status Code:A  
MSDS Number: CLPTB  
=== Responsible Party ===  
Company Name:SANDSTROM PRODUCTS COMPANY  
Address:224 SOUTH MAIN STREET  
City:PORT BYRON  
State:IL  
ZIP:61275  
Country:US  
Info Phone Num:309-52  
3-2121  
Emergency Phone Num:(800)424-9300  
Resp. Party Other MSDS Num.:E195-G75  
Preparer's Name:NOT PROVIDED  
Chemtec 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:SP0450-02-M-L145  
CAGE:34227

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

Ingred Name:BISPHENOL A-EPICHLOROHYDRIN RESIN  
CAS:25068-38-6  
RTE

CS #:CE6880000  
Other REC Limits:NOT PROVIDED

Ingred Name:2-PROPOXYETHANOL  
CAS:2807-30-9  
RTECS #:KM2800000  
Minumum % Wt:10.  
Maxumum % Wt:15.  
Other REC Limits:NOT PROVIDED

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Other REC Limits:NOT PROVIDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M3

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

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:EYE CONTACT: MODERATELY IRRITATING.

MAY CAUSE CORNEAL INJURY. SKIN CONTACT: MODERATELY IRRITATING.

PROLONGED CONTACT MAY CAUSE DAMAGE TO SKIN AND SENSITIZATION.

ABSORPTION THROUGH SKIN MAY RESULT IN SYMPTOMS OF EXPOSURE AS

THOSE DESCRIBED FOR INHALATION AND INGESTION. INHALATION: E

XPOSURE

MAY PRODUCE IRRITATION TO NOSE, THROAT, RESPIRATORY TRACT AND OTHER

MUCOUS MEMBRANES. HIGH CONCENTRATIONS OF VAPOR MAY PRODUCE CENTRAL

NERVOUS SYSTEM DEPRESSION. INGESTION: PRESUMED TO BE MODERATELY

TOXIC. MAY BE IRRITATING TO GASTROINTESTINAL TRACT IF INGESTED.

CHRONIC: MAY CAUSE LIVER, KIDNEYS, LUNGS, RED BLOOD CELLS AND

SPLEEN DAMAGE.

Explanation of Carcinogenicity:CONTAINS ANTIMONY TRIOXIDE.

Effects of Overexposure:EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTIN

AL

IRRITATION AS NOTED ABOVE. CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR. 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. PREEXISTING SKIN OR LUNG ALLERGIES INCREASE CHANCE OF DEVELOPING INCREASED ALLERGY SYMPTOMS FROM EXPOSURE.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF ANY SYMPTOMS PERSIST. SKIN CONTACT: WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEE K MEDICAL ATTENTION IF IRRITATION OCCURS. INHALATION: REMOVE VICTIM TO FRESH AIR AND 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 SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:228F-232F

Lower Limits:NOT PROVIDED

Upper Limits:NOT PROVIDED

PROVIDED

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

Fire Fighting Procedures: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: EVACUATE THE HAZARD AREA OF UNPROTECTED PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT-OFF SOURCE OF LEAK ONLY 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/PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE/SMALL SPILL WITH AN ABSORBENT SUCH AS CLAY, SAND. HOLD FOR DISPOSAL.  
Neutralizing Agent: NOT RELEVANT

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

Handling and Storage Precautions: NOT PROVIDED  
Other Precautions: CONTAINER CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY. 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: NOT PROVIDED  
Eye Protection: WEAR GOGGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES.  
Other Protective Equipment: DO NOT GET ON SKIN OR ON CLOTHING. EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.  
Work Hygienic Practices: NOT PROVIDED  
Supplemental Safety and Health  
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC: V6  
NRC/State Lic Num: NOT RELEVANT  
Boiling Pt: B.P. Text: NOT PROVIDED  
Melt/Freeze

Pt:M.P/F.P Text:NOT PROVIDED  
Decomp Temp:Decomp Text:NOT PROVIDED  
Vapor Pres:NOT PROVIDED  
Vapor Density:> AIR=1  
Spec Gravity:1.277-1.325  
pH:NOT PROVIDED  
VOC Grams/Liter:1.63  
Viscosity:NOT PROVIDED  
Evaporation Rate & Reference:NOT PROVIDED  
Solubility in Water:NOT PROVIDED  
Appearance and Odor:NOT PROVIDED  
Percent Volatiles by Volume:76.90 +/-2  
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES  
BASED ON THE  
PRESENCE OF COMPONENTS 1 AND 2 AND 3 AVOID OXIDIZING  
MATERIALS. BASED ON THE PRESENCE OF COMPONENTS 1 AND 4 AVOID STRONG  
ACIDS, BASED ON THE PRESENCE OF COMPONENT 1 AVOID STRONG ALKALIES.  
Stability Condition to Avoid:NOT PROVIDED  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND  
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Toxicological Information:NOT PROVIDED

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===== 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 REGULATED.

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

SARA Title III Information:SARA TITLE III, SECTION 313: THIS PRODUCT  
DOE

S CONTAIN CHEMICAL(S) WHICH ARE DEFINED AS TOXIC CHEMICALS UNDER AND SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR 372.65: 2-PROPOXYETHANOL 10-15 %, ANTIMONY TRIOXIDE 5-10 %

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVIDED

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

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