

SANDSTROM PRODUCTS COMPANY -- E636-G75, 27A AEROSOL (MIL-PRF-46147C TYPE 1 FORM 2)
-- 9150-01-360-1905

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

Product ID:E636-G75, 27A AEROSOL (MIL-PRF-46147C TYPE 1 FORM 2)

MSDS Date:10/12/2001

FSC:9150

NIIN:01-360-1905

Status Code:A

MSDS Number: CLNYH

=== Responsible Party ===

Company Name:SANDSTROM PRODUCTS COMPANY

Address:224 SOUTH MAIN STREET

Box:547

City:PORT BYR

ON

State:IL

ZIP:61275-9501

Country:US

Info Phone Num:309-523-2121

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:E636-G75

Preparer's Name:NOT PROVIDED

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-LR10

CAGE:34227

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

Ingre

d Name:PROPYLENE GLYCOLMETHYL ETHER ACETATE

CAS:108-65-6

RTECS #:AI8295000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

Ingred Name:CYCLOHEXANONE (CERCLA)

CAS:108-94-1

RTECS #:GW1050000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

Minumum % Wt:30.

Maxumum % Wt:35.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

AC

GIH TLV:200 PPM/300STEL;9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ANTIMONY TRIOXIDE

CAS:1309-64-4

RTECS #:CC5650000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG (SB)/M3

ACGIH TLV:0.5 MG (SB)/M3

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:10 MG MO/M3

ACGIH TLV:10 MG MO/M3

Ingred Name:BISPHENOL A EPOXY RESIN

CAS:25036-25-3

Other REC Limi

ts:NONE RECOMMENDED

Ingred Name:1,3-DIOXOLANE

CAS:646-06-0

RTECS #:JH6760000

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYL ETHER

CAS:115-10-6

RTECS #:PM4780000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:EYE: BASED ON PRESENCE OF COMPONENTS 1, 7 AND 8, PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING TO

EYES. MAY CAUSE CORNEAL INJURY. SKIN: BASED ON PRESENCE OF COMPONENT 3, 7 AND 8, PRODUCT IS PRESUMED TO BE MODERATELY IRRITATING. ABSORPTION THROUGH SKIN MAY RESULT IN SYMPTOMS SIMILAR TO INHALATION/INGESTION. BASED ON COMPONENTS 3 AND 7, PROLONGED/REPEATED CONTACT MAY CAUSE DEFATTING, DRYING AND DERMATITIS. INHALATION: VAPORS MAY CAUSE IRRITATION, CNS DEPRESSION/DAMAGE, BRAIN DAMAGE. INGESTION: PRODUCT IS PRESUMED TO BE MODERATELY TOXIC. MAY CAUSE CNS DEPRESSION

. CHRONIC - MAY CAUSE

INJURY TO LIVER AND KIDNEY. MAY CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:COMPONENT (ANTIMONY TRIOXIDE) IS LISTED BY NTP AND OSHA AS A CARCINOGEN OR A POSSIBLE CARCINOGEN. REFER TO APPROPRIATE REFERENCE SOURCES FOR ADDITIONAL INFORMATION CONCERNING CARCINOGENS. HMIS: IT IS LISTED BY IARC AS 2B.

Effects of Overexposure:EYE, SKIN, RESPIRATORY, AND GASTRO-INTESTINAL IRRITATION. CENTRAL NERVOUS SYSTEM DEPRESSION MAY BE EVIDENCED BY HEADACHE, DI

ZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION; IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED CNS FUNCTION FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SE

SEEK PROMPT MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WIPE EXCESS FROM SKIN AND FLUSH WITH WATER USING SOAP IF AVAILABLE. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS. INHALATION: REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DILUTE WITH 2 GLASSES OF WATER UNLESS VICTIM IS UNCONSCIOUS. INDUCE VOMITING. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. CONSULT PHYSICIAN, HOSPITAL OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:=-11.1C, 12.F
+/- 2 DEGREES F

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 SPILL: EVACUATE AREA. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSEL. SOAK UP RESIDUE OR SMALL SPILL WITH AN ABSORBENT MATERIAL SUCH AS CLAY, SAND/ OTHER SUITABLE MATERIALS; PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

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 OTHER POSSIBLE SOURCES OF IGNITION PRIOR TO USE AND UNTIL VAPORS ARE GONE. SURFACE THAT ARE SUFFICIENTLY HOT MAY IGNITE PRODUCT IN THE ABSENCE OF SPARKS OR FLAME.

Other Precautions:VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM HANDLING SITE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

USE WITH ADEQUATE VENTILATION. CONTAINER, EVEN IF EMPTY, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, OR WEL NEAR CONTAINERS.

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

Respiratory Protection:AVOID PROLONGED BREATHING OF VAPORS/MIST. 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 FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

Work Hygienic Practices:AVOID CONTACT WITH EYES. DO NOT GET ON SKIN OR ON CLOTHING.

Supplemental Safety and Health

SANDSTROM PRODUCTS COMPANY P/N: 27A DRY FILM LUBRICANT. ABBREVIATION:

N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT R

ELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

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:0.9208 - 0.9688

VOC Grams/Liter:5.95

Viscosity:NOT PROVIDED

Evaporation Rate & Reference: