

SANDSTROM PRODUCTS COMPANY -- AEROSOL,27 A (MIL-L-46147 A TYPE II) -- 9150-01-360-1904

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

Product ID:AEROSOL,27 A (MIL-L-46147 A TYPE II)

MSDS Date:02/09/1994

FSC:9150

NIIN:01-360-1904

MSDS Number: BSTZR

=== 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: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

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

Ingred Name:PMGE ACETATE

CAS:108-65-6

RTECS #:AI8295000

Other REC Limits:NONE RECOMMENDED

Ingred Name:CYCLOHEXANONE (SARA III)

CAS:108-94-1

RTECS #:GW1050000

Other REC L

imits:NONE RECOMMENDED
OSHA PEL:S, 25 PPM
ACGIH TLV:S, 25 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ANTIMONY TRIOXIDE (SARA III)
CAS:1309-64-4
RTECS #:CC5650000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG (SB)/M3
ACGIH TLV:0.5 MG (SB)/M3; 9394
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

Ingred Name:BISPHENOL A EPOXY RESIN
CAS:25036-25-3
Other REC Limits: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 =====

Routes of Entry: Inhalat

ion:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE- EYE CONTACT MAY CAUSE IRRITATION & CORNEAL INJURY. ABSORPTION THROUGH SKIN CAN OCCUR. MAY DRY SKIN. INHALATION MAY CAUSE IRRITATION & CNS DEPRESSION. INTENTIONAL INHALATION MAY BE FATAL. INGESTION MAY CAUSE IRRITATION & CNS DEPRESSION. CHRONIC- SKIN DEFATTING & DERMATITIS. TARGET ORGANS:CNS, EYES, SKIN, LUNGS.

Explanation of Carcinogenicity:NONE

Effect

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTRO-INTESTINAL TRACTS IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS, DEATH

Medical Conditions Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF UNCONSCIOUS, DRINK TWO GLASSES OF WATER & INDUCE VOMITING. IF VOMITING, KEEP VICTIM'S HEAD BELOW HIS HIPS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:FLAMMABLE AEROSOL
Extinguishing Media:CARBON DIOXIDE, FOAM, WATER FOG OR DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:AEROSOL CANS UNDER PRESSURE. EXTREMELY FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN AEROSOL CANS HEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER EQUIPMENTS.

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

Spill Release Procedures:LEAKING

CONTAINERS SHOULD BE PLACED OUTDOORS,
IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE
TO DISSIPATE. VENTILATE AREA. ABSORB LIQUID WITH NON-FLAMMABLE
ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AEROSOL CANS IN COOL, WELL
VENTILATED AREAS AWAY FROM SOURCES OF IGNITION SUCH AS SPARKS,
FLAMES, WELDING ARCS &
INCOMPATIBLE MATERIALS.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE
DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR
EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND
CAUSE INJURY. AVOID RE PEATED OR PROLONGED SKIN CONTACT.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER
EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:ME

CHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:PLASTIC, RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES(PREVENT CONTACT)

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:USE ONLY AS DIRECTED ON LABEL. READ LABEL
BEFORE USING PRODUCT. DO NOT BREATHE VAPORS. WASH HANDS BEFORE
EATING.

Supplemental Safety
and Health

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. DO NOT USE IN CONFINED
AREA OR AREA WITH LITTLE AIR MOVEMENT. EMPLOY MEANS TO PREVENT
VAPOR BUILDUP. KEEP OUT OF REACH OF CHILDREN.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT KNOWN

Vapor Density:>1

Spec Gravity:0.921

Viscosity:NOT KNOWN

Evaporation Rate & Reference:NOT KNOWN

Appearance and Odor:AEROSOL CAN

Percent Volatiles by Volume:91

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,
TEMPERATURES ABOVE 120F

Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL,
STATE

AND FEDERAL REGULATIONS. DO NOT INCINERATE SPRAY CANS. DISPOSE OF
EMPTY CANS PROPERLY.

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,
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.