

SANDSTROM PRODUCTS COMPANY -- E736-675 #27A DRY FILM LUBRICANT -- 9150-00-142-9361  
===== Product Identification =====

Product ID:E736-675 #27A DRY FILM LUBRICANT  
MSDS Date:09/12/1995  
FSC:9150  
NIIN:00-142-9361  
MSDS Number: BSTXB  
=== Responsible Party ===  
Company Name:SANDSTROM PRODUCTS COMPANY  
Address:224 SOUTH MAIN STREET  
Box:547  
City:PORT BYRON  
State:IL  
ZIP:61275-9501  
Country:US  
Info Phone Num:3  
09-523-2121  
Emergency Phone Num:309-523-2121  
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  
CAGE:34227

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

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE  
CAS:108-65-6  
RTECS #:AI8295000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT ESTABLISHED.  
ACGIH TLV:N

OT 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 (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 45-50%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/300STEL;9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BASIC LEAD PHOSPHITE

CAS:12141-20-

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Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:RULE IN PROCESS

ACGIH TLV:0.15 MG PB/M3

Ingred Name:ANTIMONY TRIOXIDE (SARA 313) (CERCLA)

CAS:1309-64-4

RTECS #:CC5650000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG (SB)/M3

ACGIH TLV:0.5 MG (SB)/M3; 9495

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:BIS

PHENOL A EPOXY RESIN

CAS:25036-25-3

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALATION/SKIN

ABSORPTION/INGESTION MAY CAUSE CNS DEPRESSION. INHALATION MAY CAUSE RESPIRATORY IRRITATION. INGESTION MAY CAUSE LIVER/KIDNEY DAMAGE.

ASPIRATION MAY CAUSE CHEMICAL PNEUMOCONIOSIS . C

CONTACT MAY CAUSE

SKIN & EYE IRRITATION. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE LEAD POISONING, DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:EYE, SKIN AND RESPIRATORY IRRITATION. CNS

DEPRESSION-HEADACHE, DIZZINESS, NAUSEA AND SYMPTOMS OF INTOXICATION, UNCONSCIOUSNESS, POSSIBLE DEATH. LEAD POISONING-LOSS OF APPETITE, METALLIC TASTE IN MOUTH ,

ANXIETY, CONSTIPATION,

NAUSEA, PALLOR,EXCESSIVE TIREDNESS, WEAKNESS, INSOMNIA, HEADACHE, NERVOUS IRRITABILITY.....

Medical Cond Aggravated by Exposure:PREEXISTING SKIN, EYES, RESPIRATORY DISORDERS MAY BE AGGRAVATED. IMPAIRED CENTRAL NERVOUS SYSTEM

FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:IN ALL CASES GET IMMEDIATE MEDICAL ATTENTION.

EYES-IMMEDIATELY

FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS.

SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER.

INHALED- REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! IF OCCURS, KEEP HEAD BELOW HIPS. CONSULT A PHYSICIAN, EMERGENCY ROOM OR POISON CONTROL CENTER OR TRANSPORT TO ER

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

Flash Point Method:SCC

Flash Point:44.0F,6.7C

Extinguishing Media:WA

TER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WARNING-FLAMMABLE; CLEAR AREA OF UNPROTECTED PERSONNEL. WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT PRESSURE BUILD-UP WHICH MAY CAUSE CONTAINER TO RUPTURE.

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

Spill Release Procedures:EVACUATE AREA. WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK & CONTAIN SPILL. IF VAPOR CLOUD FORMS, USE WATER FOG TO SUPPRESS VAPOR. CONTAIN RUN-OFF. ABSORB WITH INERT MATERIAL & PLACE IN CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. USE WITH ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:DO NOT CUT, GRIND OR WELD NEAR CONTAINERS. CONTAINERS CAN CONTAIN HAZARDOUS PRODUCT RESIDUES EVEN WHEN EMPTY-TREAT AS IF FULL.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation

:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE, PVA, VITON.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

FLAMMABLE. DO NOT USE IN CONFINED AREA OR AREA WITH LITTLE AIR

MOVEMENT. EMPLOY MEANS TO PREVENT VAPOR BUILDUP. KEEP OUT OF REACH OF CHILDREN. MIL-L-46147 HAS BEEN CANCELLED AND REPLACED WITH MIL-L-23 398.

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

HCC:F2

Vapor Density:>1

Spec Gravity:1.089

Evaporation Rate & Reference:0.00 (N-BUTYL ACETATE=1)

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:64.66

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

Stability Indicator/M

aterials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG ACIDS.

Stability Condition to Avoid:AVOID STRONG OXIDIZING AGENTS AND STRONG ACIDS.

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

Conditions to Avoid Polymerization:MAY OCCUR; NONE SPECIFIED BY MANUFACTURER.

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

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

FEDERAL ENVIRONMENTAL REGULATIONS. DLA-HMIS: EPA/RCRA HAZWASTE NUMBER D001 MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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