

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.
430 S. WHEELING ROAD
WHEELING, IL 60090

PRODUCT NAME: SLIDE CUTTING OIL AEROSOL

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PRODUCT NUMBER: 41314
D.U.N.S. NUMBER: 00-299-4168

SECTION I. INGREDIENTS

CHEMICAL NAME: LUBRICANT SOLUTION
CHEMICAL FAMILY: SULPHURIZED ALIPHATIC OIL
FORMULA: 41314
SYNONYMS: CUTTING OIL
DOT HAZARD CLASSIFICATION: ORM-D
DOT SHIPPING NAME: CONSUMER COMMODITY
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE
IDENTIFICATION NUMBER: NONE
H.M.I.S. RATING: 2,3,0,B

SECTION II. PHYSICAL DATA

BOILING POINT: RANGE 200-450 DEGREES F.
FREEZING POINT: 0 DEGREES F.
SPECIFIC GRAVITY (H20=1): .9
WEIGHT PER GALLON @ 60 F.: 7.56
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 59
VAPOR SENSITY (AIR =1): >1
SOLUBILITY IN WATER, % BY WT.: NIL
PERCENT VOLATILE BY WEIGHT: 11
EVAPORATION RATE (MINUTES): DOES NOT EVAPORATE
APPEARANCE AND COLOR: BROWN VISCOUS OIL – CHLORINATED SOLVENT ODOR

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA)
LUBRICANT OIL	75-85	MIXTURE	N/A
N-PROPYL BROMIDE	10-20	106-94-5	100 PPM*
PROPANE A-108	4-10	74-98-6	1000 PPM

CONTAINS NO OZONE DEPLETING CHEMICALS

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY

*OSHA PEL AND ACGIH TLV NOT ESTABLISHED. SOLVENT MANUFACTURER RECOMMENDS A WORKPLACE EXPOSURE GUIDELINE OF 100 PPM 8 HOUR. TWA BASED ON THE SCIENTIFIC ASSESSMENT OF SOLVENT MIXTURE AND OTHER EXISTING TOXICOLOGICAL DATA.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 1.0 UEL: 9.5 (% VOLUME IN AIR)
FLASH POINT: >220 DEGREES F.
AEROSOL FLAME PROJECTION TEST: > 18"
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CO2
SPECIAL FIRE FIGHTING PROCEDURES: CHLORINATED HYDROCARBON FORM HCl AND TRACES OF PHOSGENE UPON PYROLYSIS
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120° F.

SECTION V. REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS COMBUSTION BY-PRODUCTS: SO₂, AND SEE SECTION IV.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: TEMP. ABOVE 130° F.-DIRECT SUNLIGHT-DO NOT SPRAY NEAR FLAME OR OPEN LIGHTS

SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100 PPM

• **EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): N/A
INHALATION: INHALATION UNLIKELY
SKIN CONTACT: DEFATTING OF SKIN
EYE CONTACT: TEMPORARY IRRITATION

• **EMERGENCY AND FIRST AID PROCEDURES ***

SKIN: WASH WITH SOAP AND WATER, APPLY HAND CREAM
INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE SITE
EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES, CONSULT PHYSICIAN IMMEDIATELY.

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE LEAKING CONTAINER TO OUTSIDE DISPOSAL SITE
WASTE DISPOSAL METHOD: EMPTY FULLY, INCLUDING GAS PRESSURE. DO NOT PUNCTURE OR INCINERATE. CAN MAY BE RECYCLED OR ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION
VENTILATION: MECHANICAL (GENERAL) RECOMMENDED
PROTECTIVE GLOVES: NOT NEEDED
EYE PROTECTION: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS
OTHER PROTECTIVE EQUIPMENT: AS SPECIFIED BY YOUR COMPANY

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS AWAY FROM HEAT SOURCES OR DIRECT SUNLIGHT-DO NOT PUNCTURE OR INCINERATE-DO NOT DROP!!
OTHER PRECAUTIONS: DO NOT SPRAY NEAR FLAME OR OPEN LIGHTS.

SECTION X. EFFECTS OF PROLONGED EXPOSURE

NONE KNOWN

SECTION XI. CARCINOGENIC HAZARD

NONE KNOWN

SECTION XII. REPORTING REQUIREMENTS

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRED TO BE REPORTED UNDER SARA TITLE III, SECTION 313: NONE

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS MSDS.

<http://www.slideproducts.com/cutting.htm>