

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE URETHANE MOLD RELEASE 45812N

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PRODUCT NUMBER: 45812N
D.U.N.S. NUMBER: 00-299-4168

SECTION I. IDENTIFICATION

CHEMICAL NAME: SYNTHETIC LUBRICANT
CHEMICAL FAMILY: HYDROCARBON
FORMULA: 54351
SYNONYMS: SLIDE URETHANE RELEASE
DOT HAZARD CLASSIFICATION: ORM-D
DOT SHIPPING MANE: CONSUMER COMMODITY
CHEMICAL ABSTRACT REGISTRY NUMBER: 8042-47-5
IDENTIFICATION NUMBER: NONE
H.M.I.S. RATING: 1,3,0,B

SECTION II. PHYSICAL DATA

BOILING POINT: N/A
FREEZING POINT: <-50°F.
SPECIFIC GRAVITY (H2O =1): .81
WEIGHT PER GALLON @ 60 F.: 6.79
VAPOR PRESSURE @ 70 F. (MM HG): N/A
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER, % BY WT.: PARTIALLY SOLUBLE
PERCENT VOLATILE BY WEIGHT: 94
EVAPORATION RATE (MINUTES):
APPEARANCE AND ODOR: CLEAR, OILY FLUID, COLORLESS , SLIGHT ETHEREAL ODOR.

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WEIGHT %:	CAS NUMBER:	PEL (OSHA)
SYNTHETIC LUBRICANT	1-8	MIXTURE	N/A
DIMETHYL ETHER	45-55	115-10-6	1000 PPM
1,1,1,2-TETRAFLUOROETHANE	45-55	811-97-2	1000 PPM

CONTAINS NO OZONE DEPLETING CHEMICALS
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: UEL: (VOLUME %)
FLASH POINT: N/A
AEROSOL FLAME PROJECTION TEST: 18" FLAME PROJECTION AS DETERMINED BY THE AEROSOL FLAME PROJECTION TEST.
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, FOAM PARAGRAPH 191.15
SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120 DEGREES F.

SECTION V. REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): POWDERED OR ALKALINE EARTH METALS
HAZARDOUS COMBUSTION BY-PRODUCTS: HF AND OTHER FLUORINE COMPOUNDS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: OPEN FLAMES AND HIGH TEMPERATURES

SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 1000 PPM

EFFECTS OF OVEREXPOSURE

INGESTION (SWALLOWING): N/A
INHALATION: EXCESSIVE INHALATION CAN PRODUCE DIZZINESS, NAUSEA, AND HEADACHE.
SKIN CONTACT: CONCENTRATED SPRAY MAY CAUSE FREEZING OF SKIN AREA
EYE CONTACT: TEMPORARY IRRITATION

EMERGENCY AND FIRST AID PROCEDURES

SKIN: WASH WITH SOAP AND WATER
INHALATION: REMOVE TO FRESH AIR LOCATION
EYES: FLUSH WITH PLENTY OF WATER, CALL PHYSICIAN

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 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: ADEQUATE VENTILATION NEEDED.
PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED.
EYE PROTECTION: PROPER EYE CARE SHOULD BE PRACTICED IN ALL INDUSTRIAL OPERATIONS.
OTHER PROTECTIVE EQUIPMENT: AS YOUR COMPANY REQUIRES.

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS AWAY FROM DIRECT SUNLIGHT, BELOW 120°F. DO NOT DROP, PUNCTURE, OR INCINERATE.
OTHER PRECAUTIONS: DO NOT SPRAY DIRECTLY INTO FLAME. DO NOT SMOKE WHILE USING PRODUCT. DO NOT SPRAY ON FLOORS.

SECTION X. CARCINOGENIC HAZARD

NO COMPONENT IN THIS PRODUCT HAS BEEN LISTED AS A CARCINOGEN BY IARU, N.T.P., OSHA OR ACGIH.

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 WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUNICATION, 20 CFR 1910.1200, AS WELL S SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.