

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE DRY FILM LUBRICANT RELEASE 41112N

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REVISION DATE: SEPT. 1, 2009
PRODUCT NUMBER: 41112N
D.U.N.S. NUMBER: 00-299-4168

SECTION I. IDENTIFICATION

CHEMICAL NAME: LOW MOLECULAR WEIGHT PTFE DISPERSION
CHEMICAL FAMILY: FLUOROCARBON
FORMULA: 53122
SYNONYMS: SLIDE DRY FILM LUBRICANT
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: 1,2,0,B

SECTION II. PHYSICAL DATA

BOILING POINT: N/A
FREEZING POINT: <-50' F.
SPECIFIC GRAVITY (H2O =1): 1.0
WEIGHT PER GALLON @ 60 F.: 8.37
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): N/A
VAPOR DENSITY (AIR =1): N/A
SOLUBILITY IN WATER, % BY WT.: NOT SOLUBLE
PERCENT VOLATILE BY WEIGHT: 99
EVAPORATION RATE (MINUTES): EXTREMELY RAPID
APPEARANCE AND ODOR: MILKY WHITE DISPERSION, SLIGHT ALCOHOL ODOR

SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WEIGHT %:	CAS NUMBER:	PEL(OSHA):
PTFE SOLID	1-5	68604-99-9*	N/A
ISOPROPANOL	1-6	67-63-0	400 PPM
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: 4.0 UEL: 25.0 (VOLUME %)
FLASH POINT: N/A
AEROSOL FLAME PROJECTION: 10-12" AS DETERMINED BY THE AEROSOL FLAME PROJECTION TEST.
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, FOAM
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: HCL, HF, TRACES OF PHOSGENE UPON PYROLYSIS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITONS TO AVOID: OPEN FLAMES AND HIGH TEMPERATURES

SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 400 PPM

• **EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): N/A

INHALATION: EXCESSIVE INHALATION CAN PRODUCT DIZZINESS, NAUSEA AND HEADACHE.

SKIN CONTACT: CONCENTRATED SPRAY MAY CUASE 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 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 ALTERNATIVE 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.

SECTION XI. SARA TITLE III REPORTING

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS 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 DETERMAINE 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, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.

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