

MATERIAL SAFETY DATA SHEET

SLIDE PRODUCTS, INC.
430 S. WHEELING RD.
WHEELING, IL 60090
PRODUCT NAME: BULK DFL

EMERGENCY TELEPHONE #: 800-535-5053
INFORMATION TELEPHONE #: 847-541-7220
D.U.N.S. NUMBER: 00-299-4168
PREPARED BY: JIM ARMSTRONG

REVISION DATE: SEPT. 1, 2012
PRODUCT NUMBER: 411HBULK
FAX NUMBER: 847-541-7986

THIS PRODUCT IS ALSO AVAILABLE IN 5 and 55 GALLON UNITS
** THIS MSDS ALSO APPLICABLE TO 5-GALLON UNIT. **

SECTION I. IDENTIFICATION

CHEMICAL NAME: LOW MOLECULAR PTFE DISPERSION
CHEMICAL FAMILY: FLUOROCARBON
FORMULA: 54981
SYNONYMS: DFL
DOT HAZARD CLASSIFICATION: 3
DOT SHIPPING NAME: FLAMMABLE LIQUIDS, N.O.S. (ISOPROPANOL)
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A-MIXTURE
IDENTIFICATION NUMBER: UN 1993
H.M.I.S. RATING: 2, 3, 0, G
PACKING GROUP: II

SECTION II. PHYSICAL DATA

BOILING POINT: 103-105 DEGREES F.
FREEZING POINT: <-90 DEGREES F.
SPECIFIC GRAVITY (H2O = 1): .791
WEIGHT PER GALLON @ 60 F.: 6.60
VAPOR PRESSURE @ 70 F. (MM HG): 350
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER, % By WT.: NIL
PERCENT VOLATILE BY WEIGHT: 96
EVAPORATION RATE (MINUTES): >1.7
APPEARANCE AND ODOR: PALE TAN LIQUID

SECTION III. HAZARDOUS INGREDIENTS

| MATERIAL: | APPROX. WEIGHT %: | CAS NUMBER: | PEL(OSHA): |
|-------------|-------------------|-------------|------------|
| PTFE SOLIDS | 5-10 | 68604-99-9* | N/A |
| ISOPROPANOL | 90-95 | 67-63-0 | 400 PPM |

**) SEE SECTIONS X AND XI FOR DETAILED CAUTIONS

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 1.0 UEL: 10.0 (VOLUME %)
FLASH POINT: 53°F.
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE & EXPLOSION HAZARDS: FLAMMABLE LIQUID

SECTION V. REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS COMBUSTION BY-PRODUCTS: SEE SECTION IV
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: OPEN FLAMES AND HOT GLOWING OBJECTS

SECTION VI. HEALTH HAZARD DATA (ALSO SEE SECTIONS X & XI)

THRESHOLD LIMIT VALUE: 400 PPM

*** EFFECTS OF OVEREXPOSURE ***

INGESTION (SWALLOWING): IN LARGE AMOUNTS, NARCOSIS OR DEATH IF UNTREATED - CALL PHYSICIAN IMMEDIATELY.

INHALATION: GIDDINESS (VERTIGO), POSSIBLE NARCOSIS. SEVERAL HOURS EXPOSURE TO LEVELS OVER 15,000 PPM MAY CAUSE DEATH.

SKIN CONTACT: TEMPORARY IRRITATION - DEFATTING OF SKIN

EYE CONTACT: TEMPORARY IRRITATION

*** EMERGENCY AND FIRST AID PROCEDURES ***

SKIN: WASH WITH SOAP AND WATER

INHALATION: REMOVE TO FRESH-AIR LOCATION AWAY FROM EXPOSURE

EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES

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: STANDARD FOR SOLVENT DRUMS. SEND TO LICENSED RECLAIMER, OR APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL 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 REQUIRED BY YOUR COMPANY

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE INDOORS. DO NOT WELD ON EMPTY CONTAINERS. WASH HANDS BEFORE SMOKING OR EATING. KEEP AWAY FROM HEAT SOURCES.

OTHER PRECAUTIONS: VAPORS ARE HEAVIER THAN AIR, AND MAY COLLECT IN LOW AREAS: DO NOT ENTER WITHOUT ADEQUATE BREATHING APPARATUS AND AN OBSERVER.

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, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED IN PREPARING THIS M.S.D.S.