

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE ODC-FREE PENETRANT PLUS

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PRODUCT NUMBER: 41812  
D.U.N.S. NUMBER: 00-299-4168

**SECTION I. INGREDIENTS**

CHEMICAL NAME: SYNTHETIC LUBRICANT MIXTURE  
CHEMICAL FAMILY: POLYTETRAFLUORETHYLENE  
FORMULA: 52591  
STNONYMS: PENETRANT-DEMOISTURANT COMPOUND  
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: 1,3,0,B

**SECTION II. PHYSICAL DATA**

BOILING POINT: RANGE 162-400 DEGREES F.  
FREEZING POINT: NA  
SPECIFIC GRAVITY (H20=1): .772  
WEIGHT PER GALLON @ 60 F.: 6.442  
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 1  
VAPOR DENSITY (AIR = 1): >1  
SOLUBILITY IN WATER, % BY WT.: NIL  
PERCENT VOLATILE BY WEIGHT: 15  
EVAPORATION RATE (MINUTES): 120  
APPEARANCE AND ODOR: PALE, STRAW-COLORED LIQUID-BLAND ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %	CAS NUMBER:	PEL(OSHA)
NON HAZARD.INGRED.	10-20	MIXTURE	N/A
MINERAL SPIRITS	60-70	68513-03-1*	200
PROPANE A-108	15-25	74-98-6	1000

**CONTAINS NO OZONE DEPLETING CHEMICALS\***

ALL COMPONENTS OF THIS PRODUCTS ARE LISTED ON THE TSCA DIRECTORY

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

FLAMMABLE LIMITS IN AIR: LEL: 1.0 UEL: 6.0 (% VOLUME IN AIR)  
FLASH POINT: N/A  
AEROSOL FLAME PROJECTION TEST: 18" EXTENSION AT 70' F.  
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CO2  
SPECIAL FIRE FIGHTING PROCEDURES: KEEP FIRE ISOLATED  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120' F.

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**SECTION V. REACTIVITY DATA**

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STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN  
HAZARDOUS COMBUSTION BY-PRODUCTS: SEE SECTION IV.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: TEMP. ABOVE 120' F.-DIRECT SUNLIGHT-DO NOT SPRAY NEAR FLAME OR OPEN LIGHTS.

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**SECTION VI. HEALTH HAZARD DATA**

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THRESHOLD LIMIT VALUE: 100 PPM

• **EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING): N/A  
INHALATION: IRRITATION OF TRACHEA AND LUNGS  
SKIN CONTACT: NO HARMFUL EFFECT ON 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

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**SECTION VII. SPILL OR LEAK PROCEDURES**

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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.

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**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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

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**SECTION IX. SPECIAL PRECAUTIONS**

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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.

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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.

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