

## MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE URETHANE MOLD RELEASE

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REVISION DATE: SEPT. 1, 2012  
PRODUCT NUMBER: 45812H  
D.U.N.S. NUMBER: 00-299-4168

### SECTION I. IDENTIFICATION

CHEMICAL NAME: ORGANO FUNCTIONAL SILICONE POLYMER  
CHEMICAL FAMILY: SILICONE  
FORMULA: 60044  
SYNONYMS: SLIDE URETHANE RELEASE  
DOT HAZARD CLASSIFICATION: ORM-D  
DOT SHIPPING NAME: CONSUMER COMMODITY  
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)
ORGANO FUNCTIONAL SILICONE POLYMER	1-8	MIXTURE	N/A
DIMETHYL ETHER	45-55	115-10-6	1000 PPM
1,1 DIFLUOROETHANE	30-40	75-37-6	1000

\*\*\*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.

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#### SECTION V. REACTIVITY DATA

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STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, WATER  
HAZARDOUS COMBUSTION BY-PRODUCTS: SEE SECTION IV  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: OPEN FLAMES AND HOT GLOWING OBJECTS, WATER

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#### SECTION VI. HEALTH HAZARD DATA

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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

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

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#### SECTION IX. SPECIAL PRECAUTIONS

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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.

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#### SECTION X. CARCINOGENIC HAZARD

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

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

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