

## MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE E-S REGULAR SILICONE MOLD RELEASE 44312

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REVISION DATE: SEPT. 1, 2012  
PRODUCT NUMBER: 44312  
D.U.N.S. NUMBER: 00-299-4168

### SECTION I. IDENTIFICATION

CHEMICAL NAME: DIMETHYL POLYSILOXANE  
CHEMICAL FAMILY: SILICONE  
FORMULA: 52442  
SYNONYMS: SLIDE E-S SILICONE SPRAY  
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: 1,1,0,B

### SECTION II. PHYSICAL DATA

BOILING POINT: 220-224 DEGREES F.  
FREEZING POINT: 32 DEGREES F.  
SPECIFIC GRAVITY (H2O=1): .8947  
WEIGHT PER GALLON @ 60 F.: 7.468  
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 18  
VAPOR DENSITY (AIR=1): >1  
SOLUBILITY IN WATER, % BY WEIGHT: 92.85  
EVAPORATION RATE (MINUTES): SLOW  
APPEARANCE AND ODOR: WHITE EMULSION

### SECTION III. HAZARDOUS INGREDIENTS

MATERIAL:	APPROX. WEIGHT %:	CAS NUMBER:	PEL(OSHA)
PETROLEUM DISTILLATE	15-25	64742-48-9	400
N-BUTANE	5-10	106-97-8	1000
ISOBUTANE	4-8	75-28-5	1000
PROPANE	10-20	74-98-6	1000
INERT NON-TOXIC INGREDIENTS	50	MIXTURE	N/A

\*\*CONTAINS NO OZONE-DEPLETING CHEMICALS\*\*

ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN THE TSCA DIRECTORY

### SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: LEL: 1.1 UEL: 5.0 (VOLUME %)  
FLASH POINT: N/A  
AEROSOL FLAME PROTECTION TEST: NON-FLAMMABLE AS DETERMINED BY THE AEROSOL FLAME PROJECTION TEST.  
EXTINGUISHING MEDIA: FOAM, WATER, MIST  
SPECIAL FIRE FIGHTING PROCEDURES:  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120 DEGREES F.

### 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: TEMP. ABOVE 120' F. - DIRECT SUNLIGHT

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#### SECTION VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 400 PPM

##### **\*EFFECTS OF OVEREXPOSURE\***

INGESTION (SWALLOWING): N/A  
INHALATION: POSSIBLE IRRITATION OF THROAT  
SKIN CONTACT: NO EFFECT  
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 OF COOL CLEAN WATER UNTIL IRRITATION SUBSIDES

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#### 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 ALTERNATIVELY REMOVED TO A SANITARY LANDFILL IN MOST LOCALITIES. CHECK APPLICABLE REGULATIONS.

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#### SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION.  
VENTILATION: ADEQUATE VENTILATION IS RECOMMENDED  
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

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 DIRECTLY INTO A FLAME. DO NOT ALLOW TO FREEZE. DO NOT SPRAY ON FLOORS.

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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 THE 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>