

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: BULK QUICK SILICONE MOLD RELEASE  
EMERGENCY TELEPHONE: 800-535-5053 REVISION DATE: SEPT. 1, 2009  
INFORMATION TELEPHONE: 847-541-7220 PRODUCT NUMBER: 446 Bulk  
FAX NUMBER: 847-541-7986 D.U.N.S. NUMBER: 00-299-4168  
PREPARED BY: JIM ARMSTRONG

**THIS MSDS IS APPLICABLE TO: 44601B, 44605B, and 44655B UNITS**

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: DIMETHYLPOLYSILOXANE  
CHEMICAL FAMILY: SILICONE FLUID  
FORMULA: 44601B, 44605B, and 44655B  
SYNONYMS: SLIDE QUICK SILICONE MOLD RELEASE  
CHEMICAL ABSTRACT REGISTRY NUMBER: N/A, MIXTURE  
H.M.I.S. RATING: 2, 0, 0, G

**1 & 5 GALLON SHIPPING INFORMATION:**

DOT HAZARD CLASSIFICATION: ORM-D  
DOT SHIPPING NAME: CONSUMER COMMODITY  
IDENTIFICATION NUMBER: NONE  
PACKING GROUP: N/A

**55 GALLON SHIPPING INFORMATION:**

DOT HAZARD CLASSIFICATION: NOT REGULATED  
DOT SHIPPING NAME: CLEANING SOLVENT MIXTURE  
IDENTIFICATION NUMBER: N/A  
PACKING GROUP: N/A

**SECTION II. PHYSICAL DATA**

BOILING POINT: 158 DEGREES F.  
FREEZING POINT: -166 DEGREES F.  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.33  
WEIGHT PER GALLON @ 60 F.: 11.06  
VAPOR PRESSURE @ 70 F. (MM HG): 139  
VAPOR DENSITY (AIR = 1): >1  
SOLUBILITY IN WATER, % BY WEIGHT: NIL  
EVAPORATION RATE (MINUTES): 4.5  
APPEARANCE AND ODOR: CLEAR COLORLESS LIQUID

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA):
SILICONE FLUID	4.0	63148-62-9	N/A
N-PROPYL BROMIDE	96.0	106-94-5	100 PPM*

\*OSHA PEL AND ACGIH TLV NOT ESTABLISHED. SOLVENT MANUFACTURER RECOMMENDS A WORKPLACE EXPOSURE GUIDELINE OF 100 PPM 8 HOUR. TWA BASED ON THE SCIENTIFIC ASSESSMENT OF SOLVENT MIXTURE AND OTHER EXISTING TOXICOLOGICAL DATA.

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

FLAMMABLE LIMITS IN AIR: LEL: 4.6 UEL: 8.5 (VOLUME %)  
FLASH POINT: CONCENTRATE WILL NOT FLASH  
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: VAPOR WILL FORM FLAMMABLE MIXTURE IN A NARROW CONCENTRATION RANGE OF 4.6-8.5% VOLUME IN AIR

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**SECTION V. REACTIVITY DATA**

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STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): ALKALINE EARTH METALS, OXIDIZERS, BASES, AND REACTIVE METALS. INCOMPATIBLE WITH NATURAL RUBBER

HAZARDOUS COMBUSTION BY-PRODUCTS: CO, CO<sub>2</sub> AND HBr

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: OPEN FLAMES AND HIGH TEMPERATURES

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

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THRESHOLD LIMIT VALUE: 100 PPM\*

• **EFFECTS OF OVEREXPOSURE \***

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INGESTION (SWALLOWING): MAY CAUSE IRRITATION OF MOUTH AND GASTRO-INTESTINAL TRACT

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 AWAY FROM EXPOSURE

EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES. CALL PHYSICIAN.

INGESTION: DRINK LARGE AMOUNT OF WATER. **DO NOT INDUCE VOMITING.** SEEK MEDICAL ATTENTION

**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: STANDARD FOR SOLVENT DRUMS. SEND TO LICENSED RECLAIMER OR APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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

VENTILATION: RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE.

PROTECTIVE GLOVES: RECOMMENDED BUT NOT REQUIRED

EYE PROTECTION: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY

**SECTION IX. SPECIAL PRECAUTIONS**

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

OTHER PRECAUTIONS: VAPORS ARE HEAVIER THAN AIR, AND MAY COLLECT IN LOW AREAS.

DO NOT ENTER WITHOUT ADEQUATE BREATHING APPARATUS AND AN OBSERVER.

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**SECTION X. EFFECTS OF PROLONGED EXPOSURE**

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CHRONIC OVEREXPOSURE AT HIGH LEVELS MAY CAUSE ADVERSE EFFECTS IN THE LIVER, RESPIRATORY SYSTEM, KIDNEY, REPRODUCTIVE SYSTEM, AND CNS. THOSE WITH PRE-EXISTING CONDITIONS MAY HAVE INCREASED SUSCETIBILITY.

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**SECTION XI. 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. N-PROPYL BROMIDE IS CURRENTLY UNDER EVALUATION AND NOT EXPECTED TO BE NAMED A CARCINOGEN

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**SECTION XII. – SARA TITLE III REPORTING**

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THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS REQUIRED TO BE REPORTED UNDER SARA TITLE III, SECTION 313: NONE

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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/mold.htm>