

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE THERMOSET MOLD RELEASE

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PRODUCT NUMBER: 45416T  
D.U.N.S. NUMBER: 00-299-4168

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: SYNTHETIC WAX SOLUTION  
CHEMICAL FAMILY: NATURAL WAX  
FORMULA: 52971  
SYNONYMS:  
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: 2,1,0,B

**SECTION II. PHYSICAL DATA**

BOILING POINT: 103-190 DEGREES F.  
FREEZING POINT: < -50 DEGREES F.  
SPECIFIC GRAVITY: (H2O =1): 1.18  
WEIGHT PER GALLON @ 60 F.: 9.54  
VAPOR PRESSURE @ 70 F. (MM HG): 59  
SOLUBILITY IN WATER, % BY WEIGHT: >1  
PERCENT VOLATILE BY WEIGHT: 94  
EVAPORATION RATE (MINUTES): 1.3  
APPEARANCE AND ODOR: WATER WHITE MOBILE LIQUID, MILD HALOGENATED HC ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %	CAS NUMBER:	PEL(OSHA)
TRICHLOROETHYLENE**	75-85	79-01-6	100 PPM
PROPANE A-108	10-20	74-98-6	1000 PPM
NATURAL WAX	5-13	MIXTURE	N/A

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

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY

\*\*SEE SECTIONS X AND XI FOR DETAILED CAUTIONS

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

FLAMMABLE LIMITS IN AIR: LEL: N/A UEL: N/A (VOLUME %)  
FLASH POINT: NO FLASH  
SPECIAL FIRE FIGHTING PROCEDURES: CHLORINATED HYDROCARBON FORM HCl AND TRACES OF PHOSGENE UPON PYROLYSIS.  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES ABOVE 120' 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**

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THRESHOLD LIMIT VALUE: 100 PPM

• **EFFECTS OF OVEREXPOSURE**

INGESTION (SWALLOWING): N/A  
INHALATION: GIDDINESS, NAUSEA, POSSIBLE NARCOSIS  
SKIN CONTACT: DEFATTING OF 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  
EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES

**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 – CHECK APPLICABLE REGULATIONS.

**SECTION VIII. SPECIAL PROTECTON INFORMATION**

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RESPIRATORY PROTECTION: (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION.  
VENTILATION: ADEQUATE VENTILATION RECOMMENDED  
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 AWAY FROM HEAT SOURCES OR DIRECT SUNLIGHT – DO NOT PUNCTURE OR INCINERATE – DO NOT DROP!!  
OTHER PRECAUTIONS: AVOID OVER-SPRAYING ONTO FLOORS OR SLIPPERY SURFACE MAY RESULT.

**SECTION X. EFFECTS OF PROLONGED EXPOSURE**

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TRICHLOROETHYLENE: PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION. MAY BE ABSORBED THROUGH SKIN TO SOME DEGREE. EXCESSIVE INHALATION CAUSES IRRITATION TO UPPER RESPIRATORY TRACT AND MAY INCREASE SENSITIVITY TO EPINEPHRINE, AND INCREASED MYOCARDIAL IRRITABILITY (IRREGULAR HEART BEATS). MINIMAL ANESTHETIC EFFECTS AT LEVELS OF 200-400 PPM, DIZZINESS AT HIGHER LEVELS; AT 1000-2000 PPM UNCONSCIOUSNESS AND DEATH. CONCENTRATIONS OVER 6000 PPM ARE IMMEDIATELY HAZARDOUS TO LIFE. LC50 FOR RATS IS 12,500 PPM FOR 4 HOURS. ALCOHOL WILL ENHANCE ADVERSE EFFECTS. EXCESSIVE EXPOSURE MAY CAUSE LIVER OR KIDNEY EFFECTS; LOWER CONCENTRATIONS ABOVE ACCEPTED GUIDELINES MAY CAUSE CENTRAL OR PERIPHERAL NERVOUS SYSTEM EFFECTS.

**SECTION XI. CARCINOGENIC HAZARD**

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PROLONGED EXPOSURE ABOVE THE OSHA PERMISSIBLE LIMITS MAY RESULT IN LIVER AND KIDNEY DAMAGE. TRICHLOROETHYLENE HAS BEEN EXTENSIVELY STUDIED FOR CHRONIC EFFECTS IN ANIMALS. WHILE THERE ARE STUDIES IN WHICH TUMORS WERE INDUCED IN MICE, THERE IS NO DOCUMENTED EVIDENCE THAT EXPOSURE TO TRICHLOROETHYLENE PRODUCES CANCER IN HUMANS. TRICHLOROETHYLENE IS LISTED IN GROUP 2A BY IARC BUT IS NOT LISTED BY NTP OR OSHA.

**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: TRICHLOROETHYLENE, CAS NUMBER 79-01-6. REPORTING REQUIREMENTS UNDER SECTION 304 (CERCLA) ARE 1000 POUNDS OR OVER

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.