

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE RESIN REMOVER AEROSOL

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REVISION DATE: SEPT. 1, 2009  
PRODUCT NUMBER: 41916T  
D.U.N.S. NUMBER: 00-299-4168

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: CYCLIC AMIDE AND LACTONE BLEND  
CHEMICAL FAMILY: LACTONE  
FORMULA: 41916T  
SYNONYMS: "THE STRIPPER"  
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: 2,3,0,B

**SECTION II. PHYSICAL DATA**

BOILING POINT: 103-399 DEGREES F.  
FREEZING POINT: <-45 DEGREES F.  
SPECIFIC GRAVITY: (H2O =1): 1.15  
WEIGHT PER GALLON @ 60 F.: 9.16  
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): NIL  
VAPOR DENSITY (AIR = 1): >1  
SOLUBILITY IN WATER, % BY WT.: PARTIALLY WATER-MISCIBLE  
PERCENT VOLATILE BY WEIGHT: 100  
EVAPORATION RATE (MINUTES): SEVERAL HOURS, SLOW  
APPEARANCE AND ODOR: PALE STRAW-COLORED LIQUID – FISHY ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WT. %:	CAS NUMBER:	PEL(OSHA)
GAMMA-BUTYROLACTONE	50-60	96-48-0	NOT ESTABLISHED
N-METHYL-2-PYRROLIDONE	10-20	872-50-4	NOT ESTABLISHED
TRICHLOROETHYLENE**	20-30	79-01-6	100 PPM
PROPANE A-108	1-10	74-98-6	1000 PPM

\*\*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: 1.00 UEL: 10.0 (VOLUME %)  
FLASH POINT: N/A (AEROSOLS ARE NORMALLY TESTED WITH FLAME PROJECTION)  
AEROSOL FLAME PROJECTION TEST: 18" EXTENSION AT 70° F  
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CO2  
SPECIAL FIRE FIGHTING PROCEDURES: CHLORINATED HYDROCARBON FORM HCl AND TRACES OF PHOSGENE UPON PYROLYSIS  
UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOLS MAY RUPTURE VIOLENTLY AT TEMPERATURES OVER 120 DEGREES F.

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**SECTION V. REACTIVITY DATA**

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STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): WATER, FREE-RADICAL GENERATORS  
CONDITIONS TO AVOID: SEE SECTION IV – APPLICABLE TO AEROSOLS, NOT PRODUCT  
HAZARDOUS COMBUSTION BY-PRODUCTS: SEE SECTION IV  
CONDITIONS TO AVOID: TEMP. ABOVE 120' F. – DIRECT SUNLIGHT

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**SECTION VI. HEALTH HAZARD DATA**

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TLV: NOT ESTABLISHED FOR VERY HIGH-BOILING SOLVENTS (399' F.), BECAUSE ADEQUATE VAPOR LEVELS FOR ANIMAL INHALATION INHALATION STUDIES CANNOT BE OBTAINED AT ROOM TEMP.  
ORAL TOXICITY: LD50(WHITE RATS) IS 1.55 CC/KG BODY WEIGHT

• **EFFECTS OF OVEREXPOSURE \***

INGESTION (SWALLOWING ): N/A  
INHALATION: IRRITATION OF TRACHEA AND LUNGS  
SKIN CONTACT: DE-FATTING 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 SWAY FROM EXPOSURE SITE  
EYES: RINSE WITH PLENTY COOL CLEAN WATER UNTIL IRRITATION SUBSIDES, CONSULT PHYSICIAN, APPLY ICE PACK.

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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 – CHECK APPLICABLE REGULATIONS.

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**SECTION VIII. SPECIAL PROTECTION INFORMATION**

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RESPIRATORY PROTECTON: (SPECIFY TYPE): NOT NEEDED WITH ADEQUATE VENTILATION  
VENTILATION: ADEQUEATE VENTILATION RECOMMENDED  
PROTECTIVE GLOVES: NEOPRENE GLOVES  
EYE PROTECTON: PROPER EYE CARE IS NEEDED IN ALL INDUSTRIAL OPERATIONS  
OTHER PROTECTIVE EQUIPMENT: AS REQUIRED BY YOUR COMPANY – SAFETY GLASSES WITH SIDE SHIELDS.

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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 PUNCTUREOR INCINERATE – DO NOT DROP!!  
OTHER PRECAUTIONS: DO NOT SPRAY NEAR FLAME OR OPEN LIGHTS. DO NOT SPRAY ON PAINTED SURFACES: PRODUCT WILL DAMAGE VARNISH AND ALKYD COATINGS.  
AVOID OVER-SPRAYING ONTO FLOORS OR SLIPPERY SURFACE MAY RESULT.

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**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 CAUSED 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.

COMMENT: IT IS OUR OPINION THAT THE SMALL QUANTITIES IN WHICH THIS AEROSOL IS CONSUMED AT ONE TIME, MAKE THE ABOVE INFORMATION LESS RELEVANT THAN IF THE PRODUCT WERE USED IN MULTI-GALLON QUANTITIES.

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**SECTION XI. CARCINOGENIC HAZARD**

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CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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.

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**SECTION XII. REPORTING REQUIREMENTS**

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THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRED TO BE REPORTED UNDER SARA TITLE III, SECTION 313: TRICHLOROETHYLENE, CAS NUMBER 79-01-6. REPORTING REQUIREMENTS UNDER CERCLA PART 302 ARE 100 POUNDS. ANY RELEASES WHICH EXCEED THE RQ MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 800-424-8802.

ALL COMPONENTS OF SLIDE RESIN REMOVER 41916T ARE LISTED ON THE TOXIC SUBSTANCES CONTROL ACT (TSCA) DIRECTORY.

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**SECTION XIII. WHMIS INFORMATION**

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CLASS A – COMPRESSED GAS



CLASS B – FLAMMABLE AND COMBUSTIBLE MATERIAL, DIVISION 5



**SECTION XIII. WHMIS INFORMATION (CON'T)**

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CLASS D1B – POISONOUS AND INFECTIOUS MATERIAL



THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCTS 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/cleaners.htm>