

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE ECONO SPRAY ZINC STEARATE 41016T

EMERGENCY TELEPHONE: 800-535-5053  
INFORMATION TELEPHONE: 847-541-7220  
FAX NUMBER: 847-541-7986  
PREPARED BY: MICHAEL MUTH

REVISION DATE: 09-01-00  
PRODUCT NUMBER: 41016T  
D.U.N.S. NUMBER: 00-299-4168

**SECTION I. IDENTIFICATION**

CHEMICAL NAME: ZINC STEARATE POWDER DISPERSION  
CHEMICAL FAMILY: ZINC STEARATE POWDER  
FORMULA: 52922  
SYNONYMS: ECONO ZINC STEARATE  
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: 103-104 DEGREES F.  
FREEZING POINT: <-90° F.  
SPECIFIC GRAVITY (H20=1): 1.02  
WEIGHT PER GALLON @ 60 F.: 8.6  
VAPOR PRESSURE OF CONCENTRATE @ 70 F. (MM HG): 59  
VAPOR DENSITY (AIR =1): N/A  
SOLUBILITY IN WATER, % BY WT.: NOT SOLUBLE  
PERCENT VOLATILE BY WEIGHT: 96  
EVAPORATION RATE (MINUTES): 1.3  
APPEARANCE AND ODOR: WATER-WHITE MOBILE LIQUID, MILD HALOGENATED HC ODOR

**SECTION III. HAZARDOUS INGREDIENTS**

MATERIAL:	APPROX. WEIGHT %:	CAS NUMBER:	PEL(OSHA):
TRICHLOROETHYLENE	80-90	79-01-6	100 PPM
PROPANE A-108	10-12	74-98-6	1000 PPM
ZINC STEARATE	1-6	557-05-1	N/A

\*\*CONTAINS NO OZONE DEPLETING CHEMICALS \*\*  
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA DIRECTORY  
\*\*)SEE SECTION 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  
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.

**SECTION V. REACTIVITY DATA**

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): POWDERED OR ALKALINE EARTH METALS  
HAZARDOUS COMBUSTION BY-PRODUCTS: SEE SECTION IV  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: TEMP. ABOVE 120°-DIRECT SUNLIGHT

---

**SECTION VI. HEALTH HAZARD DATA**

---

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 IMMEDIATELY.

**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. CHECK APPLICABLE REGULATIONS.

**SECTION VIII. SPECIAL PROTECTION INFORMATION**

---

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**

---

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**

---

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**

---

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**

---

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 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 MSDS.