

MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: SLIDE ZINC STEARATE MR 41012N

Emergency Telephone: 800-535-5053
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Revision data: sept 1, 2009
Product number: 41012N
D.U.N.S. number: 00-299-4168

SECTION I: IDENTIFICATION

Chemical name: Zinc stearate powder dispersion
Chemical family: Fatty acid soap
Formula: 52812
Synonyms: Slide zinc stearate
Dot hazard classification: ORM-D
Dot shipping name: consumer commodity
Chemical abstract registry number: N/A mixture
H.M.I.S. rating: 1,3,0,B

SECTION II: PHYSICAL DATA

Boiling point: N/A
Freezing point: <50°F
Specific gravity (H2O=1): 81
Weight per gallon @ 60 F: 6.79
Vapor pressure of concentrate @70 F (MM HG): 36
Vapor density (air=1): N/A
Solubility in water, % by WT: not soluble
Percent volatile by weight: 96
Evaporation rate (minutes): 2.3
Appearance and odor: water-white mobile liquid, slight ethereal odor

SECTION III: HAZARDOUS INGREDIENTS

Material	Approx weight %	CAS number	PEL (OSHA)
Zinc stearate	1-6	557-05-1	N/A
Isopropanol	6-12	67-63-0	400ppm
Dimethyl ether	55-65	115-10-6	1000
1,2 difluorethane	30-40	75-37-6	1000

contains no class 1 ozone depleting chemicals

All components of this product are listed on the TSCA directory

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammable limits in air: LEL: 2.0 UEL: 25.0 (volume%)

Flash point: aerosol flame projection test shows 10-12 inch extension (FHA)

Aerosol flame project test

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: CO and CO₂

Hazardous polymerization: will not occur

Conditions to avoid: open flames and high temperatures

SECTION VI: HEALTH HAZARD DATA

Threshold limit value: 1000ppm

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 in most localities. Check applicable regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory protection (specify type): not needed with adequate ventilation

Ventilation: adequate ventilation needed

Protective gloves: recommended but not required

Eye protection: proper eye care should be practiced 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 direct sunlight, below 120°F. Do not drop, puncture or incinerate.

Other precautions: do not spray directly into flame. Do not smoke while using product. Do not spray on floors.

SECTION X: CARCINOGENIC HAZARD

No component in this product has been listed as a carcinogen by IARU, N.T.P., OSHA or ACGIH.

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 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>