

MATERIAL SAFETY DATA SHEET
MOLDGEL-SILFREE


Date: 11-26-06

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Ref: Z-112606-1

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME: ARTMOLDS
ADDRESS: 18 Bank Street
Summit, NJ 07901 USA
CONTACT PERSON: Ed McCormick
PHONE NUMBER: 1-866-278-6653
TRADE NAME: MoldGel
PRODUCT NAME: MoldGel-Silfree
CHEMICAL NAME: Mixture
CHEMICAL FAMILY: Composite
CHEMICAL FORMULA: Not Applicable (Carbon, Nitrogen, Oxygen, Sodium, Calcium)
DOT HAZARD CLASSIFICATION: Not Regulated

PREPARED BY



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Info. Tox. International, Inc., 3904 Stratton Dr. Riverside, Ca. 92505

SECTION II- HAZARDOUS INGREDIENTS

Ingredients	CAS#	PEL	TLV	% Weight
Sodium Alginate	9005-38-3	15 mg/M3	10 mg/M3	<25
TSPP	7722-88-5	5 mg/M3	5 mg/M3	<25
Cellulose	65996-61-4	15 mg/M3total	3 mg/M3resp.	<75
Calcium Sulfate	7778-18-9	15mg/M3total	10 mg/m3resp.	<25

SECTION III- PHYSICAL DATA

DESCRIPTION: white powder
BOILING POINT: Not applicable
SPECIFIC GRAVITY (Water=1): 0.3 g/cm³ (approximately)
VAPOR PRESSURE (mm Hg): N/A
% VOLATILITY BY VOLUME: 0
VAPOR DENSITY (Air=1): N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Partly soluble

SECTION IV-FIRE AND EXPOSURE HAZARD DATA

FLASH POINT: Not Applicable
FLAMABLE LIMITS (Mixture): Lower explosion limit: 125.0 g/m. UEL: N/A

EXTINGUISHING MEDIUM: Water spray

SPECIAL FIRE FIGHTING PROCEDURES: No special fire fighting procedures are required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Minimum ignition temperature of dust cloud is approximately 390C. Minimum explosive concentration is approximately 62 mg/l.

HAZARDOUS COMBUSTION PRODUCTS: This product doesn't undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen, sulfur oxides and water.

SECTION V- HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY: Ingestion and Inhalation

TARGET ORGANS: LUNGS AND EYES

ACUTE EXPOSURE:

INGESTION: Ingestion may cause irritation of the gastrointestinal tract.

EYE CONTACT: Particulates may scratch eye surfaces and may cause eye irritation, redness and/or soreness.

SKIN CONTACT: Prolonged skin contact may cause irritation among sensitive individuals.

INHALATION: This product can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m3. Exposure to high concentrations may produce lung damage. Avoid prolonged or repeated breathing of vapor or dust. Use only in well ventilated areas.

CHRONIC EXPOSURE:

Long term dust inhalation in excess of the PEL or TLV may increase susceptibility to respiratory disease and cause an adverse respiratory effect. Handling without gloves or adequate barrier cream may lead to skin dryness and cracking and dermatitis over an extended period of time.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

PROPOSITION 65 (California): This product does not contain any ingredients known to the State of California to cause cancer or birth defects in laboratory animals.

SECTION VI- FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water for several minutes. If irritation, soreness or redness persists, seek medical attention.

SKIN CONTACT: Wash skin thoroughly by using soap and water. If skin irritation persists, seek medical attention.

INHALATION: Remove to fresh air. If symptoms persist, seek medical attention.

INGESTION: Treat symptomatically and supportively. Get medical attention.

SECTION VII- REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Store in a cool, dry area away from heat, sparks or fire. Mechanical handling of the powder on inadequately grounded equipment can result in static electrical discharges. All handling equipment must be properly grounded. Use care to minimize dust generation in normal use conditions. Avoid dispersing the powder in the air. Prevent buildup of powder on surfaces. This product is sensitive to static electricity discharges when finely dispersed into the air. High humidity and water contamination will cause material to gel.

INCOMPATIBILITY: Hydrofluoric acid.

HAZARDOUS DECOMPOSITION PRODUCTS: This product doesn't undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen, sulfur oxides and water.

HAZARDOUS POLYMERIZATION: Has not been reported.

SECTION VIII- SPILL AND LEAK PROCEDURE

SPILL AND LEAK PROCEDURE: Normal precautions for "nuisance dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal. For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

SECTION IX- PROTECTIVE EQUIPMENT TO BE USED

VENTILATION REQUIREMENTS: General.

EYE PROTECTION REQUIREMENTS: Wear safety glasses with side shields. Protect against dust and particulates.

GLOVE REQUIREMENTS: The use of chemically resistant gloves is recommended.

CLOTHING REQUIREMENTS: Uniforms, coveralls, or a lab coat should be used.

WASH REQUIREMENTS: Wash before eating, drinking or using toilet facilities.

RESPIRATOR REQUIREMENTS: NIOSH approved dust mask.

SECTION X- SPECIAL PRECAUTIONS

Avoid letting broken or open bags stay open. Wrap them in plastic bags immediately to prevent water vapor or moisture from reacting with the powder. Minimize airborne dust particles.

HMIS® Hazard Ratings:

HMIS® ratings are based on a 0-4 rating scale with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs by OSHA's 29 CFR 1910.1200, we choose to provide them as a service to our customers using

HMIS®. These ratings are to be used only with a fully implemented HMIS® program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS® Implementation Manual.

HMIS® is a registered trademark of the National Paint and Coatings Association (NPCA).

Health: 1 Flammability: 1 Reactivity: 0

DISCLAIMER

The information above is believed to be accurate and represents the best information currently available to Info-Tox International, Inc. based on the collective hazards of the ingredients. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Info-Tox International, Inc. be liable for any claims, losses, or damages of any party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising.