MATERIAL SAFETY DATA SHEET

For chemicals, coatings and related materials

DATE PREPARED: 8-20-89
SUPERCEDES: NONE
PREPARED BY: Cathy Griffith, (303) 289-5286

Manufacturer
NAME: ChemRez, Inc.
ADDRESS: Sonneborn Building Products
ADDRESS: 7711 Computer Avenue
ADDRESS: Minneapolis, MN
ZIPCODE: 55435

Distributor
NAME:
ADDRESS:
ADDRESS:
PHONE:

Section I - Product

NUMBER: 02-506
NAME: Lapidolith
CLASS: Coating
UN NUMBER: none
CAS NUMBER: none - mix

H M I S Hazard Codes
Health: 2 Moderate
Flammability: 0 Minimal
Reactivity: 0 Minimal

Personal Protective Equipment: B

Section II - Hazardous Ingredients

Ingredient | Percent | C. A. S. | LEL | Vapor Pressure (by weight/Registry No.) | mm Hg @ 20 C
--- | --- | --- | --- | --- | ---
Magnesium Fluoroasilicate | 20-40 | 16849-65-8 | N/A | N/A
Sulfuric Acid | 0.1-1.0 | 7664-93-9 | N/A | N/A

Section III - Physical Data

Boiling Range: 212. - N/A deg F
Vapor Pressure: 17.5 mm @ 20 deg C
Specific Gravity: 1.11
Evaporation Rate: Slower (% Volatile by Volume: 80-90 %)
Odor Threshold: no data

Appearance and Odor: Clear water-white liquid with little odor

Section IV - Fire and Explosion Hazard Data

Flash point: DOES NOT FLASH
Explosive Limits: LEL N/A UEL (N/A in air)
Autoignition Temp: DOES NOT IGNITE
Method: N/A

OSHA: N/A
DOT: Not regulated

EXTINGUISHING MEDIA:
Does not burn

SPECIAL FIRE FIGHTING PROCEDURES:
Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Exposure to elevated temperatures may produce acid fumes. Does not burn.

Section V - Toxicological Information

Ingredient | PEL | TLV (twa) (rat) | (rbc) | (rat) |
--- | --- | --- | --- | --- |
Material Description | mg/m3 | mg/m3 | ppm | ORAL | DERMAL | INHAL
--- | --- | --- | --- | --- |
Magnesium Fluoroasilicate | 2.5 | 2.5 | N/A | 270.0 | N/A | N/A
Sulfuric Acid | 1.0 | 1.0 | N/A | 2140.0 | N/A | N/A

Section VI - Health Hazard Data

EFFECTS OF OVEREXPOSURE: THRESHOLD LIMIT VALUES: See Section V
ACUTE OVEREXPOSURE INFORMATION
EYES: Severe irritant. May cause chemical burns.
SKIN: Severe irritant. Prolonged contact may cause chemical burns.
May be absorbed in harmful amounts.
INHALATION: May cause irritation of respiratory tract. Overexposure may cause headache, nausea, and vomiting.
INGESTION: May cause severe irritation of mouth, throat, and stomach. Symptoms include nausea, abdominal pain and possible collapse.
Toxic.
***Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components.

CHRONIC OVEREXPOSURE INFORMATION:
*None of the components of this product are listed as known or suspected carcinogens per NTP, IARC, or OSHA.
**No specific chronic effects known.

EMERGENCY AND FIRST AID PROCEDURES:
EYES: Flush with plenty of water at least 15 minutes. Obtain immediate medical attention.
SKIN: Remove contaminated clothing. Wash affected area(s) thoroughly with soap and water. Consult a physician.
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.
INGESTION: DO NOT induce vomiting. Give water or milk if victim is conscious and not drowsy. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Obtain immediate medical attention.

STABILITY: Stable
STABILITY CONDITIONS TO AVOID: Not Applicable
INCOMPATABILITY (MATERIALS TO AVOID CONTACT WITH):
Strong bases or oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS:
Acid fumes. Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur
POLYMERIZATION CONDITIONS TO AVOID: Not Applicable

STEPS FOR MATERIAL SPILLAGE:
Ventilate area. Wear appropriate protective equipment during cleanup. Contain spill. Absorb with inert material such as vermiculite. Place into containers with lids. Cover loosely and remove to appropriate waste area. Wash spill area. Prevent washings from entering waterways.

WASTE DISPOSAL METHODS:
Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures.

RESPIRATORY PROTECTION:
If the TLV is exceeded, if use is performed in a poorly ventilated confined space or area with limited ventilation, use NIOSH-approved dust/mist respirator in accordance with 29 CFR 1910.134.

VENTILATION:
Local exhaust as needed to control vapor/dust levels to below recommended limits.

PROTECTIVE GLOVES: Impervious rubber.

EYE PROTECTION: Chemical safety goggles

OTHER PROTECTIVE EQUIPMENT: Clean protective clothing

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Section X - Special Precautions

Handling and Storage Precautions:
For professional use only
Do not take internally
Avoid contact with eyes, skin, and clothing
Avoid breathing vapor/mist
Wash thoroughly after handling
Use only with adequate ventilation

Keep out of reach of children
Do not reuse empty container without commercial clean or recondition

Other Information:
*N/A = Information or data not available***
**NTP = National Toxicology Program
**IARC = International Agency for Research on Cancer
**NIOSH = National Institute of Occupational Safety and Health
**ACGIH = American Conference of Governmental Industrial Hygienists
**OSHA = Occupational Safety and Health Administration
***PEL = Permissible Exposure Limit (8-hr. TWA) (OSHA)
***TLV = Threshold Limit Value (8-hr. TWA) (ACGIH)

Section XI - Regulatory Data

VOC Content: 0 %, 0 mg/l
California Prop 65: Not known to contain, in harmful quantities, any materials known to the State of California to cause cancer or reproductive harm.

Transportation

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Reporting

CERCLA Reportable Quantity: As product: NONE As Waste: 100 lbs
SARA Section 304 Emergency Response Reportable Quantity: None
SARA Section 311/312 Inventory Reporting (Y/N): Y
SARA Section 311/312 Hazard Class(ES): Acute health hazard
SARA Section 313 Routine Release Reporting Chemicals: Sulfuric acid, 0.4 %

Components on TSCA Inventory (Y/N): Y

Disposal

EPA RCRA Waste Class: Not Regulated
EPA RCRA Waste Number: Not Regulated
California List Land Ban (Y/N): N

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