Water Ring & Etch Remover

Osha's Hazard Communication Standard
U.S. Department Of Labor

Identity No: Water Ring & Etch Remover

Section 1
Manufacturers Name: Miracle Sealants Company
Address: 12318 Lower Azusa Road
Emergency Phone: 800-350-1901
City: Arcadia
State: CA
Phone: 626-443-6433
Date Prepared: 02 - 2012

Section 2 - Hazardous Ingredient/Identity Information
Hazardous Components CAS# OSHA PEL ACGIH TLV
Potassium Oxalate 6487-48-5 Not Available Not Available
Ammonium Bifluoride 1344-49-7 Not Available Not Available
Acrylic Acid 79-10-7 10ppm Not Available
VOC: 0% by weight (non-regulated)

Section 3 - Physical/Chemical Characteristics
Boiling point: (3) 141°C Freezing point: Not Available
Melting point: Not tested Vapor pressure: (3) 4
Vapor density: (3) 2.5 % Volatile: Not Available
Density: Not Available Odor threshold: Not
Evaporation rate: Not Available Acid/Alkalinity: Not Available
Solubility in organic solvent: Not Available pH: Not Available
Solubility in water: (1) 25% in weight at 18°C - (2) 45.3% - (3) Complete
Physical State: (1) Fine, granular, white, odorless crystals.
(2) White, transparent solid. Slight acid odor.
(3) Colorless liquid, Sharply acid odor.
Specific Gravity: (1) 2.13 - (2) 1.5 - (3) 1.05

Section 4 - Fire and Explosion Hazard Data
Flash point (method used): (3) 50 T.C.C. Flammable limits: Not Available
LEL: 2 UEL: 8 DOT#: None
Extinguishing media: Water fog, CO2, alcohol or dry chemical
NFPA hazard rating: H F R S (0 - Least, 4 - Extreme: 2 0 0 0
Special fire fighting procedures: Not Available
Unusual fire & explosion hazard: Not Available

Section 5 - Reactivity Data
Stability: (1) 3 Stable. (2) Unstable.
Conditions to avoid: (2) Heat and any open flame.
Incompatible materials to avoid: Strong oxidizers, acids and alkalies, ethers and amines.
Hazardous polymerization: May occur.
Conditions to avoid: Excessive heat and freezing.
Hazardous decomposition products: (2) nh3 and hf, which are corrosive.

Section 6 - Health Hazard Data
Routes of Entry:
Inhalation - Possible Skin - Possible Ingestion - Possible
Health hazards - Same as signs and symptoms of overexposure.
OSHA Carcinogenicity - None; - NTP - None; - IARC Monographs - None

Signs and Symptoms of Over Exposure:
Eyes: Material is ocular irritant & may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.
Skin: may cause irritation to skin.
Ingestion: may cause systemic poisoning and cause severe damage to the esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing & difficult breathing. Excessive inhalation may cause systemic poisoning.
Medical conditions aggravated: Hypocalcemia, liver or kidney diseases.

Emergency and First Aid Procedures:
Eyes: Promptly flush plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.
Skin: Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.
Ingestion: do not induce vomiting. Get prompt medical attention. Speed is essential.
Inhalation: remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.

Section 7 - Precautions For Safe Handling And Use
Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" & close for later use or disposal. Complete clean-up by flushing residue with plenty of water, skin and eye protection should be used.

Waste disposal method: If permitted by applicable disposal regulations, dispose of waste product via a secure solid waste landfill or dissolve in large quantity of water and discharge to sewer, stepwise if necessary.

Precautions to be taken in handling and storing: Store in a cool, dry place, away from food or feed products. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures
Respiratory protection: Ventilate by opening all doors and windows. If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber chemical resistant.
Eye protection: Tight fitting, splash proof safety glasses or goggles.
Other protective Clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety chemicals. All practices depend on your specific business. Directions for use normally found on label will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification
DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available
Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product.All lab samples are for experimental purposes only and used at the customers discretion.