Osha’s Hazard Communication Standard
U.S. Department Of Labor
29 CFR 1910.1200 OMB No. 1218-0072
Identity No: Name: Heavy Duty Acidic Cleaner

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
Hydrochloric Acid 7647-01-0 5ppm 5ppm
VOC : 0% by weight

Section 3 - Physical/Chemical Characteristics
Boiling point: > 212°F
Vapor pressure : Not tested
Vapor Density : Not tested
Solubility in water: 100%
Appearance and odor: Amber color, acrid odor
pH: 0.5-2.0

Section 4 - Fire And Explosion Hazard Data
Flash point: Not Available
LEL: Not tested
Flammable limits: Not tested
NFPA hazard rating (0 = Least, 4 = Extreme)
Health: 3 Fire: 0 Reactivity: 0
HMIS Hazard Rating:
Health: 3 Fire: 0 Reactivity: 0
Extinguishing media: None
Special fire fighting procedures: None

Section 5 - Reactivity Data
Stability: Stable
Conditions to avoid: None
Incompatible materials to avoid: Strong oxidizers, ammonia
Hazardous Polymerization: Will not occur.
Hazardous decomposition products: CO, CO2

Section 6 - Health Hazard Data
Routes of Entry:
Eyes - Possible
Inhalation - Possible
Skin - Possible
Ingestion - Possible
Health hazards: Same as signs and symptoms of overexposure.

Carcinogenicity:
OSHA: None NTP: None
IARC Monographs: None

Sign And Symptoms Of Over Exposure:
Eyes: Burning sensation.
Skin: Severe irritation.
Ingestion: Poisonous, vomiting, irritation.
Inhalation: Burning Irritation.
Medical conditions aggravated: None known.

Emergency and First Aid Procedures:
Eyes: Flush with water for 15 minutes. If irritation persists, call a physician.
Skin: Wash with soap and water. If irritation persists, call a physician.
Ingestion: Do not induce vomiting. Call a physician or Poison Control Center immediately.
Inhalation: Get person to fresh air. If unconscious, call a physician.

Section 7 - Precautions and Safe Handling And Use
Steps to be taken in case material is released or spilled: Soak up with inert, absorbent material. Scoop up and place in a proper waste disposal container.

Waste disposal method: Dispose of in accordance with local, state, and federal regulations.
Precautions to be taken in handling and storing: Store in a cool, dry place, out of direct sunlight. Do not freeze less than or equal to 32°F or heat above 110°F.
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: Rubber or plastic, 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 practices. All practices depend on your specific business. Directions for use normally found on label which 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#: NA 1760 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 respect to 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.