

MATERIAL SAFETY DATA SHEET

IDENTITY: SealMaster MasterSeal Ready to Use
Product No. S1090-Hawaii

SECTION I - Manufacturer / Product Information

Manufacturer's Name: SealMaster / Hawaii	Emergency Telephone No.: Chemtec: 1-800-424-9300
Address: 2927 Mokumoa Street Honolulu, HI 96819	Telephone Number for Information: 1-808-839-2782
Date Prepared: September 27, 2004	

SECTION II - Chemical Identity Information

Chemical Identity Common Name CAS No.	Exposure Limits		Other Limits Recommend.	% (Optional)
	OSHA PEL ³ MG/M ³	ACGIH TLV MG/M ³		
Petroleum Asphalt CAS# 8052-42-4		5		
Mineral Filler (Encapsulated in Sealer) Containing (See Below)				
Crystalline Quartz (I) CAS # 14808-60-7)	0.1	10(Respirable)		
Iron Oxide CAS # 01309-37-1	10 (Total Particulate)	5		
Aluminum Oxide CAS # 01344-28-1	10 (5 Respirable)	10		
Titanium Dioxide CAS # 13463-67-7	10 (5 Respirable)	10		
Calcium Oxide CAS # 01305-78-8	5	2		

(I) Respirable quartz is listed as a Group I (carcinogenic to humans) by the International Agency for Research on Cancer IARC – Monograph68, Silica, Some Silicates, and Organic Fibers. Since this product is a wet application item, there is virtually no hazard associated with its use in its original form. There would be potential hazards associated with the crystalline quartz dust in such operations as sandblasting and scarification of dried films

SECTION III - Physical / Chemical Characteristics

Boiling Point: 212 ^o Fahrenheit
Specific Gravity (Water = 1): 1.29 – 1.34
Vapor Pressure (mm Hg) Is nearly equal to that of water.
Melting Point: Not Determined
Vapor Density: > 1
Evaporation Rate (Butyl Acetate = 1): Essentially the same as water.
Solubility in Water: Easily dispersible in water, in the wet state.
Appearance: Brownish - black in wet state
Odor: Slight asphalt odor

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SECTION IV - Fire and Explosion Hazard Data

HMIS Rating: 0
Flash Point (Method Used): 500°F.PMCC
Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide.
Special Fire Fighting Methods: Full protective equipment, including self-contained breathing apparatus, to be worn.
Unusual Fire & Explosion Hazards: Not Applicable.

SECTION V - Reactivity Data

HMIS Rating: 0
Stability: Stable
Conditions to Avoid: NA
Hazardous Decomposition or Byproducts: NA
Hazardous Polymerization: Will not occur.

SECTION VI - Health Hazard Data

HMIS Rating: 1
Primary Routes of Exposure: Inhalation: Yes Eye Contact: Yes Skin Contact: Yes Ingestion: Yes
Health Hazards (Acute & Chronic): (Acute): Irritation to eyes, skin, lungs. (Chronic): Dermatitis possible.
Signs and Symptoms of Exposure: Inhalation: Harmful effects not expected Eye: Vapors may cause slight irritation to the eyes. Skin: May be a skin irritant to some people. Ingestion: Vomiting
Medical Conditions Generally Aggravated by Exposure: None known.
Carcinogenicity: National Toxicology Program (NTP): No International Agency for Research on Cancer (IARC) Monographs: No OSHA Regulated: No
Emergency and First Aid Procedures: Inhalation: Remove to fresh air. If breathing is difficult, get medical attention. If breathing stops, begin artificial resuscitation and SEEK IMMEDIATE EMERGENCY MEDICAL TREATMENT. Ingestion: If vomiting begins, lower person's head in an effort to prevent vomitus from entering the lungs. SEEK IMMEDIATE MEDICAL TREATMENT. Skin Contact: Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with waterless hand cleaner and soap and water. If irritation develops, consult of physician.. Eye Contact: Immediately flush eyes with plenty of water for at least 5 minutes and CALL A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: Contain spill immediately in smallest area possible using soil, fly ash, or other fine, dry aggregates. Recover as much of the product as possible. Non-recoverable product and contaminated soils and other materials should be picked up and placed in containers for ultimate disposal. Do not wash, drain, or direct materials to storm or sanitary sewers, rivers, streams, lakes, and other bodies of water.

Waste Disposal Method: Treatment, storage, transportation and disposal must be in accordance with applicable federal, state, and local regulations.

Precautions To Be Taken In Handling And Storing: Keep from freezing, or extreme heat.

Other Precautions: Do not use when rain is imminent or forecast to prevent contamination of runoff water.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type): None required for normal conditions of use. If operating conditions cause a mist, use a NIOSH / OSHA approved dust/mist respirator.

Ventilation:

Local Exhaust: If used in confined spaces, and mist is generated, use mechanical ventilation to reduce mist concentrations below PEL.

Protective Gloves: The use of chemically resistant NBR or neoprene gloves is recommended.

Eye Protection: Safety goggles are recommended at all times when working with asphalt sealers.

Other Protective Clothing or Equipment: Long sleeves and long pants should be worn.

Work / Hygienic Practices: Skin contact should be minimized. Suntan lotions followed by protective creams will minimize vapor exposure.

SECTION IX - Disclaimer

All information, recommendations, and suggestions concerning this product are based upon tests, literature references, and/or calculations, believed to be reliable. The manufacturer makes no guarantee, expressed or implied, as to the affect of use, or the safety and toxicity of the product. The information contained in this sheet cannot be taken as the sum total of all protective measures to be taken.