

**MATERIAL SAFETY DATA SHEET****HYDRO-GUARD ONE**

**SUPPLIER** Mer-Krete Systems, a division of ParexLahabra  
501 Van Ness Avenue  
Torrance, CA 90501

**CONTACT** Gary Linza  
**PHONE** 310.320.1880  
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<b>INGREDIENTS</b>	<b>CAS NUMBER</b>	<b>ACGIH TWA</b>
Petroleum Asphalt	8052-42-4	Fumes: 5 mg/m <sup>3</sup> 8-hour
Petroleum Bitumen	Proprietary	Fumes: 5 mg/m <sup>3</sup> 8-hour
Styrene Butadiene - Aqueous Dispersion Mixture	9003-55-8	N/A

**PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point - 100C Freezing Point - 0C Vapor Pressure - Same as water Specific Gravity - 1.00 Percent VOC -  
Less than 20 g/l Volatile By Volume - 60% Solubility in Water - Soluble in all proportions  
Appearance - Greenish/Black paste Odor - Sweet smelling

**FIRE & EXPLOSION HAZARDS**

Flash Point - Greater than 100C Special Fire Fighting Procedures - Wear self-contained breathing apparatus.  
Unusual Fire & Explosion Hazards - Irritating and toxic gases may be generated if material ignites after water boils off.

**REACTIVITY DATA**

Stability-Stable Materials to Avoid - Oxidizing agents Hazardous Polymerization - Will not occur  
Hazardous Decomposition or Byproducts - Combustion may produce CO, Nox, Sox and hydrogen sulfide.

**HEALTH HAZARD DATA**

Routes of Entry - Inhalation, Eye Contact, Skin Contact, Ingestion  
INHALATION - May cause irritation of the nose, throat and lungs. May cause coughing, sneezing and labored breathing depending on concentration and duration of exposure.  
EYE CONTACT - May cause pain and severe eye burns depending on duration of contact.  
SKIN CONTACT - May cause reddening, inflammation, itching and burns  
INGESTION - May cause nausea, vomiting, abdominal pain and burns of the mouth, throat and stomach.

## First Aid Procedures:

INHALATION - Remove victim to fresh air. If breathing has stopped, give artificial respiration and contact physician. If breathing is difficult, seek medical attention.  
EYE CONTACT - Irrigate with large amounts of water. Seek medical attention if irritation persists.  
SKIN CONTACT - Wash with soap and water. Seek medical attention if irritation persists.  
INGESTION - Do not induce vomiting. Contact physician immediately.

Carcinogenicity - May contain materials determined to be carcinogenic to laboratory animals.  
Medical Conditions Aggravated By Exposure - pre-existing kidney, liver, skin and respiratory disorders.

**PERSONAL PROTECTION RECOMMENDATIONS**

Protective gloves and goggles. Good local exhaust/ventilation systems should be suitable for most jobsite conditions. For enclosed areas without adequate ventilation, use a NIOSH/MSHA approved respirator.  
Wash hands thoroughly after handling and before eating or smoking.

**PRECAUTIONS FOR SAFE HANDLING AND USE**

Spill Procedure - Keep out of sewer systems. Dike and cover spill with absorbent material. Sweep or shovel up.  
Waste Disposal Method - May be incinerated or land-filled in accordance with local, state and federal regulations.  
Storage Precautions - Do not store in direct sunlight or at temperatures above 90°F for prolonged periods.

**SHIPPING INFORMATION**

Not regulated.