

**MATERIAL SAFETY DATA SHEET – OSHA 174**

May be used to comply with OSHA's Hazard communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**US Dept of Labor**

Occupational Safety and Health Administration (Non-Mandatory Form) From approved OMB No. 1218-0072

Name of Material OPTIMUM	
1	HEALTH
1	FLAMMABILITY
0	REACTIVITY
C	PROTECTIVE EQUIPMENT

**Section I – Product Identification**

**Product Name:** Consumer packaged (ready-to-use) Latex•ite® Optimum™ Driveway Re-Surfacer  
**Product Class:** Asphalt Driveway Sealer  
**Manufacturer:** Dalton Enterprises, Inc., 131 Willow Street, Cheshire, CT 06410  
**Emergency Phone number:** (203) 272-3221, 800-851-5606  
**Effective Date:** 02/25/2008 **Date Superseded:** 10/02/2007, Customer Service

**Section II – Product Information**

**Description:** Consumer packaged (ready-to-use) Optimum™ Driveway Re-Surfacer for asphalt is a water based colloidal emulsion comprised of water, sand, clay, acrylic polymers and oxidized asphalt. Proper application of ready-to-use product as applied product presents no degree of hazard to the user. Outdoor use only.

**Section III – Chemical Identity**

Ingredient	CAS#	%	TLV mg/m <sup>3</sup>
Crystalline Silica	14808-60-7	<30	0.1
Carbon Black	1333-86-4	<3	3.5
Petroleum Asphalt	8052-42-4	<25	.5 fume
Polymer	Proprietary		

Application of ready-to-use Optimum™ is well below OSHA exposure limits.

**Section IV – Physical / Chemical Characteristics**

**Boiling Point (degrees F/C):** >212° F/0° c      **Specific Gravity:** 1.3-1.5      **pH:** 6.50 - 8.0  
**Vapor Pressure (mm Hg.):** -25      **Melting point:** N/A      **Physical State:** Liquid  
**Vapor Density (air = 1):** 1      **Evaporation Rate (water = 1):** 1      **Weight/gallon:** 9.2lbs  
**Solubility in Water:** Heavier than air      **Max VOC:** Less than 10 g/l  
**Appearance and Odor:** Dark brown to black, thick consistency liquid.      **% Volatile by vol:** 0%

**Section V – Fire and Explosion Hazard Data**

**Flash Point:** N/A      **Flammability Classification:** N/A      **LEL:** N/A      **UEL:** N/A  
**Extinguishing Media:** CO2, dry chemical, foam, sand.  
**Special Fire Fighting Procedures:** Full protective equipment, including self-contained breathing equipment apparatus to be worn. Water cool sealed containers in area of fire to prevent rupture due to steam generation.  
**Unusual Fire and Explosion Hazards:** Keep away from sources of ignition.

**Section VI – Reactivity Data**

**Stability:** Unstable:      Stable: X      **Conditions to avoid:** Keep from freezing and extreme heat.  
**Incompatibility (materials to avoid):** Strong oxidizers.  
**Hazardous Decomposition or Byproducts:** Combustion may yield fumes, smoke, carbon monoxide and carbon dioxide.  
**Hazardous Polymerization:** May Occur:      Will Not Occur: X      **Conditions to Avoid:** None

**Section VII – Health Hazard Data**

**Health Hazard (Acute):** **Skin:** Prolonged or repeated contact may cause irritation. **Eyes:** Contact may cause irritation.  
**Ingestion:** May cause nausea, vomiting and diarrhea. **Carcinogenicity:** IARC has determined that there is evidence of carcinogenic effects from respirable carbon black in animals and that there is inadequate evidence of such effects in humans. Crystalline silica in respirable form is carcinogenic to humans. Neither the carbon black, nor the crystalline silica present is respirable as this product is supplied. IARC has determined that there is inadequate evidence of carcinogenic

effects of petroleum asphalt in humans, and limited evidence of carcinogenic effects to experimental animals. Medical conditions generally aggravated by exposure: None Known. Reproductive effects: NO. Teratogenic: NO. Mutagenic: NO. California Proposition 65: CHEMICAL WARNING (California Health and Safety Code #25249.5 ET SEQ). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

#### **Emergency and First Aid**

**Skin Contact:** Wash area with soap and water. **Eye Contact:** Gently flush with large amounts water for at least 15 minutes. If symptom persists consult a physician. **Inhalation:** Remove to fresh air and provide oxygen if breathing is difficult. If not breathing, give artificial resuscitation. IMMEDIATELY CALL A PHYSICIAN.

**Ingestion:** Do not induce vomiting

### **Section VIII – Safe Handling and Use**

**Steps to be taken in case material is released or spilled:** Contain spill and dike with inert material (sand, sawdust, dirt, etc.). Place in closed container for proper disposal.

**Waste Disposal Method:** Dispose of in accordance with Local, State, and Federal regulations.

**Precautions to Be Taken in Handling and Storage:** Keep container closed and upright to prevent leakage. Avoid freezing.

**Other Precautions:** Do not take internally. KEEP AWAY FROM CHILDREN. For external use only. Store in a cool, dry place. Keep away from sources of ignition. Do not apply during or before rain to avoid runoff. Do not apply if pavement is below 55 degrees F.

### **Section IX – Control Measures**

**Respiratory Protection:** None required if good ventilation is maintained.

**Protective Gloves:** Yes **Eye Protection:** Yes (goggles)

**Work/Hygienic Practices:** Keep container closed. Wash hands after use.

### **Section X – Disclaimer**

The information and recommendations provided herein are believed to be accurate and are based upon experience, tests, literature references, and/or calculations. 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.