



**DARCOLE PRODUCTS, INC.**  
P. O. Box 1460  
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## Material Safety Data Sheet

Product Code: DSR  
Product Name: DarCole Surface Retarder Emergency Phone: 270-826-6499  
Effective Date: 7-12-2010 Date Printed: 7-12-2010

### CHEMICAL FAMILY

Curing & Seal Compound for Concrete  
Sodium Hydroxide

### PHYSICAL DATA

Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density (Air = 1): N/A  
Solubility in Water: 100% Soluble  
Specific Gravity (H<sub>2</sub>O): 1.080  
Appearance: Green  
Odor: Sweet Odor

### FIRE AND EXPLOSION HAZARD DATA

Flash point: None  
Method Used: N/A  
Flammable Limits  
LFL: None  
UFL: None  
Extinguishing Media: None  
Fire and Explosion Hazardous: None  
Fire-Fighting Equipment: None

### REACTIVITY DATA

Stability: Stable  
Incompatibility: None  
Hazardous Combustion  
Decomposition Products: None  
Hazardous Polymerization: N/A  
Conditions to Avoid: N/A

### SPILL OR LEAK PROCEDURES

Waste Disposal Method:  
If possible, pump to controlled containment areal. Dispose where permitted under appropriate Federal, State and Local regulations.  
Precautions to be taken in handling and storing:  
Keep product containers cool, dry. Protect from freezing.  
Use and store this product with adequate ventilation equivalent to fresh air.

### HEALTH HAZARD DATA

Eye: Soluble may cause irritation.  
Skin Contact: May be irritating to skin.  
Skin Absorption: Prolonged contact with skin may cause irritation.  
Ingestion: May irritate stomach nausea.  
Inhalation: Solution may irritate respiratory tract if inhaled.

### FIRST AID

Eyes: Irrigate eye with copious amounts of water. If pain or irritation arises, contact physician or poison control center.  
Skin: Wash with soap. If irritation occurs, contact physician or poison control center.  
Ingestion: Contact physician or poison control center immediately.  
Inhalation: Remove to fresh air. Obtain medical attention.

### HANDLING PRECAUTIONS

Exposure Guideline(s): N/A  
Ventilation: Fresh Air  
Respiratory Protection: N/A  
Skin Protection: Rubber and Neoprene Gloves  
Eye Protection: Safety Goggles

### ADDITIONAL INFORMATION

This information expressed herein is current as of the date of the Material Safety Data Sheet. DARCOLE PRODUCTS, INC. makes no warranty of any kind express or implied, including those of merchantability and fitness for purpose. The responsibility of DARCOLE PRODUCTS, INC. for claims arising out of breach of warranty, negligence, strict liability or otherwise are limited to the purchase price of the materials.