



# Technical Data Pourable Crack Filler

REV 7/24

### DESCRIPTION:

Pourable Crack Sealant is a one component rubberized cold-applied asphalt emulsion crack sealant designed for filling cracks up to 1/2" wide in pavement surfaces. Pourable Crack Sealant provides a protective barrier against moisture intrusion into pavement surfaces. Pourable Crack Sealant is both economical and easy to use.

### USES:

Pourable Crack Sealant is designed for filling cracks up to 1/2" wide in asphalt pavement.

### COMPOSITION:

Pourable Crack Sealant is a polymer-modified asphalt emulsion crack sealant fortified with select mineral fillers.

### SIZES:

Pourable Crack Sealant is available in 1-gallon, 5-gallon, and 55-gallon containers.

### COLOR:

Dries black.

### LIMITATIONS:

Pourable Crack Sealant shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period immediately following application.

### ENVIRONMENTAL CONSIDERATIONS:

Pourable Crack Sealant is a non-hazardous environmentally friendly water-based crack sealant containing less than 25 grams per liter volatile organic content (VOC).

### PHYSICAL/CHEMICAL PROPERTIES:

Pourable Crack Sealant meets the following material requirements when tested in accordance with ASTM D140, ASTM D466, ASTM D529, ASTM D2939, and ASTM D244 procedures. (see chart below)

### CHEMICAL & PHYSICAL ANALYSIS:

|                                |                                    |
|--------------------------------|------------------------------------|
| Classification                 | Polymer Modified Asphalt Emulsion  |
| Color                          | Black when dry                     |
| Residue by Evaporation, %      | 45-65%                             |
| Ash Content of Residue, %      | 23-43%                             |
| Specific Gravity @ 77°F        | 1.19                               |
| Drying Time                    | Dependent upon filler depth        |
| Adhesion & Resistance to Water | No Penetration or Loss of Adhesion |

|                      |                                   |
|----------------------|-----------------------------------|
| Resistance to Wear   | No Blistering or Sagging          |
| Flexibility          | No Cracking or Flaking            |
| Resistance to Impact | No Chipping, Flaking, or Cracking |
| Water Content %      | 25-45%                            |

### INSTALLATION:

Cracks must be cleaned of all dirt, debris, and vegetation prior to application of crack sealant.

### METHODS:

Pourable Crack Sealant may be applied directly from container (one gallon jug with pour spout), pour pot, or suitable mechanized pumping equipment. It is desirable to squeegee material flush to adjoining pavement surface.

### MIXING PROCEDURES:

Stir material thoroughly. Pourable Crack Sealant is a ready-to-use material. Do not dilute.

### APPLICATION PROCEDURES:

Pour Crack Sealant into cracks and squeegee flush to adjoining pavement. Allow material to dry before opening to traffic.

### ESTIMATING MATERIAL REQUIREMENTS:

Coverage is dependent upon depth and width of cracks. Typically, one gallon of Pourable Crack Filler will fill approximately 75-150 feet of cracks.

### PRECAUTIONS:

Both surface and ambient temperature shall be a minimum of 50°F. Temperature shall not drop below 50°F within a 24 hour period following application. Keep Out Of Reach Of Children. Do not store unopened containers in freezing temperatures.

### MANUFACTURING & CUSTOMER SERVICE:

Visit [gemsealproducts.com](http://gemsealproducts.com) or phone 866-264-8273 to find the location near you.

### LIMITED WARRANTY

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.