

PRODUCT DATA BULLETIN II

POURABLE CRACK FILLER

DESCRIPTION AND PURPOSE:

SWEPCO Pourable Crack Filler is an elastomer modified asphalt crack filler especially formulated for sealing cracks and joints in asphalt and concrete pavement. It is ideal for use on all types of paved surfaces, including drive-ways, roads, parking lots, run-ways and sidewalks.

OUTSTANDING FEATURES:

SUPERIOR "ELASTOMER MODIFIED" FORMULA

SWEPCO Pourable Crack Filler provides reliable sealing of pavement cracks and expansion joints because it stays pliable and resilient longer than other crack filling materials. A special "elastomeric polymer" is added to other quality ingredients such as SWEPCO's own premium quality "Heart of Texas" Asphalt, to create a "rubber like" product with superior elasticity, elongation, tensile strength and pliability. And that means longer product and pavement life.

In fact, SWEPCO Pourable Crack Filler will stretch to 3 times its original size without rupturing and then spring back to within 10% of its original shape. Even as flexible as it is, it's strong, having a tensile strength of more than 200 PSI. And it maintains its flexibility and strength even at temperatures below 0°F (-17.8°C).

POSITIVE, TIGHT, LONG LASTING SEALING ACTION

SWEPCO Pourable Crack Filler actually expands as it dries, so it wedges itself into cracks for the ultimate in tight, long lasting sealing action.

CONVENIENT, FAST APPLICATION

Application is easy. Sweep out the cracks. Then just pour the activator in the bottle. Mix thoroughly. Cut off the nipple on the bottle to the right size for the cracks you are sealing. And pour. Nothing could be faster or more convenient. No mess and no fuss.

PROLONGS PAVEMENT LIFE & REDUCES MAINTENANCE COSTS

Sealing cracks and joints in pavement makes good sense. Properly maintained pavement areas have fewer problems, cracks, chuck holes . . . they just last longer when they are taken care of. And they look better and promote more business for establishments which depend upon drive by trade.

There is no faster, more effective or more convenient way to seal those troublesome pavement cracks than with SWEPCO Pourable Crack Filler.



GENERAL DATA:

TYPICAL PROPERTIES OF THE LIQUID

Viscosity, Stormer, @77°F (25°C), KU	75
Unit Weight, lb/gal, @60°F	8.47
Unit Weight, kg/liter, @15°C	1.02
Color	Black
Workability	Liquid Pourable
Non Volatile, % wt	70
Volatile, % wt	30

TYPICAL PROPERTIES OF CURED FILM (1/8" THICK)

Elongation	300%
Recovery	90%
Tensile Strength, PSI	200
Shore A Hardness	50
Fatigue/Rupture	75 Cycles
Flow, @160°F (71°C), 24 hrs	None
Flexibility, @0°F (-17°C)	No cracking or separation
Accelerated Weathering, 1000 Hrs.*	Excellent

TYPICAL CURING PROPERTIES

Pot Life	1-1.5 Hrs
Cure Time to Traffic	4-8 Hrs
Cure Time Complete	7 Days

APPLICABLE SPECIFICATIONS

ASTM D-1850 (Concrete Joint Sealer, Cold Application Type)

*NOTE: This is roughly equivalent to four years of exposure to ultra-violet radiation, heat and moisture generally encountered in field service.

APPLICATION INFORMATION:

IMPORTANT: SWEPCO Pourable Crack Filler is a polymer modified asphalt pourable crack filler designed for repair of cracks in asphalt and concrete paving. Because it is prepared for use by mixing two components together and begins hardening approximately one hour after mixing, all preparation of the surface to be repaired should be completed before mixing the two components together.

PREPARATION: Because SWEPCO Pourable Crack Filler has a "pot life" of approximately 1 to 1½ hours after mixing, it is important that all preparation be done BEFORE mixing the product. Clean dirt, loose paving and debris out of the cracks to be filled. Cracks deeper than .5 inch (1.27 cm) should be filled to within .5 inch of the pavement surface with sand prior to filling with SWEPCO Pourable Crack Filler. Pavement must be dry during application.

MIXING: THOROUGH MIXING IS ABSOLUTELY ESSENTIAL TO PERFORMANCE OF THIS PRODUCT. If the product is not mixed properly, it will NOT work properly. Optimum mixing temperature is 70 – 80°F (21 – 26°C). If contemplating application in cooler weather, it is best to keep material in warm storage until mixed. APPLICATION SHOULD BE STARTED WITHIN 15 MINUTES AFTER THE INGREDIENTS ARE MIXED. SWEPCO Pourable Crack Filler is prepared for use by mixing one 8-ounce container of activator with one one-gallon container of the asphalt base. Before adding the activator, shake the contents of the one-gallon container vigorously for three minutes by hand or use the mechanical agitator provided in the case and an electric hand drill to thoroughly mix the contents of the bottle or at least one minute. Then add the contents of one of the small plastic bottles provided to the one-gallon container. Shake vigorously by hand for five minutes or use the mechanical agitator for a minimum of two minutes to thoroughly mix the two components together. After mixing, put the pour spout on the one-gallon container and cut the spout at a point which will provide the proper size bead for the cracks being filled.

APPLICATION: SWEPCO Pourable Crack Filler should be applied immediately after mixing. Pour into cracks until mixture is level with paving surface.

APPLICATION PRECAUTIONS: Be sure material is used within one half hour of mixing. Do not apply to wet or damp surfaces. Do not apply below 40°F (4°C).

COVERAGE RATE: One gallon (3.75 liters) of SWEPCO Pourable Crack Filler will fill approximately 77 feet (23.5 m) of .5 inch (1.27 cm) deep by .5 inch (1.27 cm) wide cracks.

CURING: SWEPCO Pourable Crack Filler begins hardening approximately 1 to 1½ hours after mixing. It is usually cured enough for light traffic in 4 to 8 hours and reaches final hardness after 7 days.

STORAGE: The activator will crystallize or jell with age or if subjected to cold temperatures. It can be reformed to its original solution by heating in a pot of hot water (150-160°F or 65-70°C) with occasional shaking until the activator returns to a yellow liquid.

CLEAN-UP: SWEPCO Pourable Crack Filler should be cleaned promptly from tools and other areas with kerosene or mineral spirits. Otherwise it is extremely difficult to remove.

ADDITIONAL INFORMATION: For additional information or recommendations, write: Southwestern Petroleum Corporation, P.O. Box 961005, Fort Worth, Texas 76161-0005; Southwestern Petroleum Canada Ltd., 87 West Drive, Brampton, Ontario, Canada L6T 26J; or N. V. Southwestern Petroleum Europe, S. A., P.O. Box No. 3, B-2390 Oostmalle, Belgium.

APPLICATION INFORMATION

(Continued)

SAFETY PRECAUTIONS

HARMFUL OR FATAL IF SWALLOWED - IRRITANT - COMBUSTIBLE

Contains: Isocyanate, Naptha & Other Petroleum Distillates.

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wear protective goggles, gloves and clothing. Avoid breathing of vapors. Use with forced ventilation or approved respirators in confined areas. Do not take internally. Store and use away from heat, open flame or spark sources. Do not attempt to use in temperatures in excess of 120°F (49°C). Close container tightly after each use. Do not transfer to unlabeled or breakable containers. Use only for purposes intended. Keep out of reach of children.

EFFECTS OF OVEREXPOSURE:

Contact with eyes or prolonged or repeated contact with skin can cause irritation and inflammation. Eye contact can cause corneal injury resulting in permanent impairment of vision. Prolonged breathing of vapors can cause respiratory difficulty, dizziness, headache, nausea, irritation of nose or throat, drowsiness, fatigue, pneumonitis, pulmonary edema or central nervous system depression. Ingestion can cause symptoms similar to inhalation; aspiration into lungs can cause serious injury or death.

FIRST AID PROCEDURES:

Eye Contact - Flush with water for 30 minutes and SEEK MEDICAL ATTENTION IMMEDIATELY. Skin Contact - Wash with soap and water after wiping off excess material. If irritation persists, seek medical attention. Inhalation - Remove to fresh air. If breathing difficulty persists, give oxygen or resuscitate and SEEK MEDICAL ATTENTION IMMEDIATELY. Ingestion - DO NOT induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. SEEK MEDICAL ATTENTION IMMEDIATELY.

PHYSICAL EMERGENCY PROCES-

DURES: If ignited, extinguish with CO₂ or dry chemicals. Evacuate downwind personnel and use positive pressure self-contained breathing apparatus for fire fighting team. Water or foam may cause frothing. Water may be used to keep containers cool or flush spills away from area of involvement.

Consult Material Safety Data Sheet (MSDS) for this product or call Southwestern Petroleum Corporation at (817) 332-2336 for further health and safety information.

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