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## ROCKSOLID ASPHALT PATCH™

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### Product Description

RockSolid Asphalt Patch™ is a versatile, easy-to-use asphalt repair solution. Adjustable anywhere from a thicker trowel-laid patch to thinner poured crack filler, simply add water and adjust to your repair needs.

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### Product Features

- ❖ Simple to prepare, just add water.
- ❖ Adjust the amount of water to create self-leveling patch or less water to create a mortar type repair.
- ❖ Displays exceptional adhesion properties to asphalt surfaces
- ❖ Use as patch or crack filler
- ❖ Easy to apply. Use putty knife, hand trowel or pour in place.
- ❖ Color changing cure technology. Product applies blue and cures to black when ready for traffic and/or recoating

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### Primary Applications

- ❖ Repair material over Asphalt surfaces

### Packaging

Product is sold in 1 gallon pail kits.

### Temperature

40°F - 90°F

Optimal installation temperature is 55°F -90°F (13°C -32°C). Extreme cold applications may slow the cure time.

### Shelf Life and Storage

Twenty Four (24) months in factory delivered unopened buckets. Keep away from extreme heat, cold and moisture. Maintain at a proper storage temperature of 45-90° F. Keep out of direct sunlight.

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### Typical Physical Properties

Tensile Strength	ASTM D412
N/A	
Compressive Strength (psi Mpa)	
ASTM D695	N/A
Elongation	ASTM D412
N/A	
Tear Strength (PLI)	ASTM 2240
N/A	
Hardness, Shore D	ASTM D2240
N/A	
Flexibility, 1/8" Mandrel	ASTM D1737
Pass	
Falling Sand Abrasion Resistance	ASTM
D968	N/A
<small>*Liters sand/ 1 dry mil</small>	
Abrasion Resistance	ASTM D4060
N/A	
CS17-Wheel (1,000 gm Load)	mg Loss
/ 1000 cycles	

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### Typical Processing Properties

Hydrated Polymer Blend	Tack Free –
Varies due to thickness applied and temperature	
72°F - 54% Relativity Humidity	Hard dry - 1-2 hours
	Recoat Maximum –
N/A	

Coverage at ¼" thick is 25 sf per kit

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### Adhesion Results

ASTM D-4541 Elcometer  
 Asphalt                      Asphalt failure >400psi

**VOC compliant in all 50 states and Canada**

## Surface Preparation

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### Asphalt

Asphalt substrate must be clean and free of debris. Oil spots and other contamination must be treated with CFFS CPC Degreaser™ prior to application. Removal of degreaser and contaminants can be done by pressure washing. Allow substrate to fully dry before coating. When temperatures are above 90 degrees a slight wetting of the surface with water is required to apply RockSolid Asphalt Patch™

### Substrate Repairs

Use asphalt repair/remedy products to fill in cracks and voids. RockSolid Asphalt Patch™ is available for purchase through your CFFS representative. Large holes and divots may require Asphalt resurfacing before coating.

### Existing Coatings

Cured coatings (beyond their re-coat windows) must be abraded via scuff sanding with 80-120 grit sandpaper prior to the application of RockSolid Asphalt Patch™. Wipe surface clean with a tack rag after a thorough vacuuming to perform a final cleaning.

## Installation Recommendations

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- Patch holes up to 1" thick and cracks up to 1/2" wide. For repairs deeper than 1", apply product in stages allowing product to cure between coats.
- Use at temperatures between 40°F and 90°F.
- Installation at temperatures above 90°F should only be attempted in shaded areas using ice cold water for preparation. In hot temperatures slightly dampen the surface to be patched and remove any excess water.
- Do not use when temperatures will fall below 40°F within 24 hours of application. Prior to cold weather applications the product should be stored at room temperature (60°F - 80°F) for 24 hours and warm water should be used for preparation.

## Application Information

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Scrape all cracks using a screwdriver or wire brush to remove loose dirt and rock. Cut or pull weeds and grass that may interfere with installation. Sweep asphalt and rinse with water to remove any remaining dirt and

debris. Allow driveway to fully dry before patching.

Wear rubber gloves for all mixing, application and clean up. Determine the amounts of Dry Asphalt Patch and water to be used. In a separate container, add the desired amount of water first and then mix in the dry material while stirring. Mix thoroughly with a trowel or paint stick until no dry powder remains. Follow measurements exactly. If product thickens add small amounts of water to desired consistency.

Apply material by trowel using enough pressure to completely fill crack or hole. Smooth over with trowel to attain desired finish. Do not over-trowel product.

<b>Mixing Table</b>	
<b>Dry Asphalt Patch</b>	<b>Cold, Clean Water</b>
<b>Entire Container (12 cups)</b>	<b>16 oz (2 cups)</b>
<b>Half Container (6 cups)</b>	<b>8 oz (1 cup)</b>
<b>Quarter Container (3 cups)</b>	<b>4 oz (1/2 cup)</b>

### Clean Up

Use Soap and Water to clean tools, etc. before product cures.

### Limitations

The product must be installed at the specified spread rates to perform as described.

### Repairs and Maintenance

RockSolid Asphalt Patch™ has no recoat window. To repair simply clean patch and reapply as needed.

## LEED Credits

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Most CFFS products contribute to LEED Credits. See our LEED Credit Bulletin for more information.

## Certifications

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VOC Compliant in all 50 states, Canada, Australia and Various Countries in Europe (National Standards – IMC)  
 USDA and FDA certified food safe for incidental food contact.

## Shipping Information

Flash Point:	Not Applicable
Weight/Gallon:	9.9 ±1.0 lbs.
DOT HAZARD CLASS	N / A
DOT PACKAGING GROUP	II
DOT LABEL	N / A
DOT SHIPPING NAME	Paint Related Material
DOT PLACARD	N / A
UN / NA NUMBER	1263

## Safety Precautions

· Proposition 65 (California):  
 · Chemicals known to cause cancer:  
 Reference to Crystalline Silica and/or Quartz is based on unbound respirable particles and is not generally applicable to product as supplied. Present in trace quantities: acetaldehyde.  
 Keep out of reach of children. See MSDS for First Aid recommendations.

## Warranty

The technical data and any other printed information furnished by CFFS are true and accurate to the best of our knowledge. RockSolid Asphalt Patch™ conforms to in house quality control procedures and should be considered free of defects. The data provided is believed to be reliable and is offered solely for

evaluation. The use of this product is beyond the control of the seller, therefore the buyer assumes all risks of use and handling whether done in a matter that is in accordance with the provided posted directions or not. CFFS makes no warranty; expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.

## Chemical Resistance

		Sugar/H2O	
Acetic Acid 100%	NA	Methanol	NA
Acetone	NA	Methylene Chloride	NA
Ammonium Hydroxide 50%		Mineral Spirits	NA
NA		Motor Oil	R
Benzene	NA	MTBE	NA
Brake Fluid		Muriatic Acid 10%	NA
RC		NaCl/H2O 10%	NA
Brine saturated H2O		Nitric Acid 20%	NA
NA		Phosphoric Acid 10%	
Chlorinated H2O	NA	NA Phosphoric Acid 50%	
Clorox(10%) H2O	R	NA	
Diesel fuel		Potassium Hydroxide 10%	
RC		NA	
Gasoline	R	Potassium Hydroxide 20%	
Gasoline/5% MTBE	R	NA	
Gasoline/5% Methanol		Propylene Carbonate	
R		NA Skydrol	
Hydrochloric Acid 20%		NA Sodium	
NA		Hydroxide 25%	NA
Hydrofluoric Acid 10%		Sodium Hydroxide 50%	
NA		NA Sodium Hypchlorite	
Hydraulic fluid (oil)	NA	10%	NA Sodium
Isopropyl Alcohol	R	Bicarbonate	NA
Jet Fuel (JP-4)	NA	Stearic Acid	
Lactic Acid		NA	
NA			
MEK	NA		

## Sugar/H2O

R	
Sulfuric Acid 10%	NA
Sulfuric Acid >50%	NA
Toluene	NA
1, 1,1-Trichlorethane	
NA	
Trisodium Phosphate	
NA Vinegar/H2O 5%	
NA	
H2O 14 days at 82° C	
R	
Xylene	NA

## Chemical Resistance Key

R=recommended/little or no visible damage  
 RC=recommended conditional/some effect, swelling or discoloration  
 C=Conditional/Cracking-wash within one hour of spillage to avoid affects  
 NR=Not recommended  
 Dis=Discolorative  
 NA = No test data available at this time