PRODUCT DESCRIPTION & BENEFITS
SealMaster Polymer Modified Coal Tar Sealer (PMCTS) is a premium quality coal tar emulsion pavement sealer fortified with cross-linking rubber polymers and special surfactants. PMCTS is job-mixed with specifically graded aggregate and applied at a rate of 55-57% solids (unlike conventional sealers that are applied at 40-43% solids). The aggregate provides a safe, skid-resistant surface for both pedestrian and vehicle traffic. PMCTS dries faster than conventional pavement sealers that are diluted with water prior to application. PMCTS protects pavement from oxidation, moisture intrusion, fuel, and oil. PMCTS’s deep, rich black color gives old, oxidized pavement a “like new” surface that melts snow and ice faster, and reduces cleaning and maintenance costs.

BASIC USES
SealMaster PMCTS is designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, and roadways.

COMPOSITION
PMCTS is a polymer-modified, clay stabilized coal tar pitch emulsion pavement sealer fortified with specialty surfactants to promote superior adhesion and durability. PMCTS is job mixed with select aggregate to produce a superior skid-resistant wearing surface.

SIZES
SealMaster PMCTS is available in 4,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

COLOR
PMCTS dries to a deep, rich black color.

LIMITATIONS
SealMaster PMCTS shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

ENVIRONMENTAL CONSIDERATIONS
SealMaster PMCTS does not contain asbestos. PMCTS is an environmentally friendly water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

PHYSICAL CHEMICAL PROPERTIES
SealMaster PMCTS is a premium quality pavement sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM D 490, ASTM B117, ASTM D 529, ASTM D 2939, and ASTM D244 procedures.

INSTALLATION
Surface must be clean and free from all loose material and dirt. Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with SealMaster hot pour or cold applied crack fillers. Treat all grease, oil, and gasoline spots or stains with SealMaster Petro Seal or Prep Seal.

METHODS
SealMaster PMCTS shall be applied by either pressurized spray application equipment or self-propelled squeegee equipment. Pressurized spray equipment shall be capable of spraying pavement sealer with sand added. Equipment shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process. Self-propelled squeegee equipment shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULT</th>
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</thead>
<tbody>
<tr>
<td>Material</td>
<td>Material shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring.</td>
<td>PASSES</td>
</tr>
<tr>
<td>- Non Volatiles %</td>
<td>40%</td>
<td>PASSES</td>
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<tr>
<td>- Ash Non Volatiles %</td>
<td>30 - 40</td>
<td>PASSES</td>
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<tr>
<td>- Solubility of Non Volatiles in CS, %</td>
<td>20 Min.</td>
<td>PASSES</td>
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<tr>
<td>- Specific Gravity 25°C</td>
<td>1.18 Minimum</td>
<td>PASSES</td>
</tr>
<tr>
<td>Drying Time</td>
<td>8 hr. Max. (Typically less than 60 min.)</td>
<td>PASSES</td>
</tr>
<tr>
<td>Adhesion &amp; Resistance to Water</td>
<td>No Penetration or Loss of Adhesion</td>
<td>PASSES</td>
</tr>
<tr>
<td>Resistance to Heat</td>
<td>No Blistering or Sagging</td>
<td>PASSES</td>
</tr>
<tr>
<td>Flexibility</td>
<td>No Cracking or Flaking</td>
<td>PASSES</td>
</tr>
<tr>
<td>Resistance to Impact</td>
<td>No Chipping, Flaking or Cracking</td>
<td>PASSES</td>
</tr>
<tr>
<td>Resistance to Volatilization</td>
<td>10% Loss in Weight Max.</td>
<td>PASSES</td>
</tr>
<tr>
<td>Wet Film Continuity</td>
<td>Smooth, Nongranular Free from Coarse Particles</td>
<td>PASSES</td>
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bituminous pavement. Hand squeegees and brushes shall
be acceptable in areas where practicality prohibits the
use of mechanized equipment.

**MIXING PROCEDURES**
For optimum results, PMCTS shall be mixed in
accordance with the following mix design (based on 100
gallons for ease of calculation):
PMCTS Concentrate..........................100 gallons
Sand*........................................200-400 lbs.
*(40-70 mesh AFS rating)

**NOTE**
If required, a small amount of water may be added to
facilitate application of mixed material.

**APPLICATION:**
For optimum performance and durability apply two coats
of PMCTS with sand. A third coat of PMCTS with sand
may be applied to high traffic areas such as entrances,
exits, and drive lanes.

**APPLICATION RATE OF MIXED PMCTS:**
Apply properly mixed PMCTS (PMCTS Concentrate,
Sand, and Water - if needed) at a rate of .11 to .13 gallon
per square yard (70-82 square feet per gallon) per coat.

**ESTIMATING MATERIAL REQUIREMENTS:**
To estimate gallons of PMCTS required to cover a
specific area use the following coverage rate:
• One gallon of SealMaster Coal Tar Concentrate will
cover approximately 85-95 square feet (9.4 to 10.5
square yards) per coat when properly mixed and applied.

**NOTE:**
Coverage rates may vary due to pavement age and
porosity.

**PRECAUTIONS:**
Both surface and ambient temperature shall be a
minimum of 50°F in a 24 hour period following
application. New asphalt surfaces should be allowed
to cure a minimum of four weeks under ideal weather
conditions (70°F) before applying PMCTS. Keep out of
reach of children. Do not store unopened drums or pails
in freezing temperatures.

**WARRANTY AND DISCLAIMER**
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.