1. PRODUCT NAME
   CrackMaster Supreme
   Hot Pour Crack Sealant

2. MANUFACTURER
   ThorWorks Industries, Inc.
   2520 S. Campbell St.
   Sandusky, OH 44870
   Phone: 800-326-1994
   Fax: 419-626-5477
   www.thorworks.com

Additional Plant Locations:
SealMaster has a nationwide network of manufacturing and
distribution facilities.

Phone 1-800-395-7325 or visit
website at www.sealmaster.net
to find the location near you.

3. PRODUCT DESCRIPTION & BENEFITS
   CrackMaster Supreme is a single component, hot-applied,
   rubberized asphalt crack and joint
   sealant. CrackMaster Supreme is
   specially formulated for both direct
   fire and oil-jacketed melters. It is
   heat stabilized to withstand
   temperatures up to 450°F without
   experiencing polymer degradation.
   When melted and properly
   applied it forms a resilient crack
   sealant for both asphaltic and
cementitious pavements.
   CrackMaster Supreme meets
   manufacturer’s specifications.

   Basic Uses: CrackMaster Supreme
   is designed to seal expansion joints,
   longitudinal and transverse cracks,
   joints between concrete and
   asphalt shoulders, and random
   cracks in both asphalt and
   concrete pavements.
   CrackMaster Supreme is relatively hard and has
   a high softening point, which makes
   it well suited for parking lots and
   driveways.

   Composition: As supplied,
   CrackMaster Supreme is supplied
   in solid blocks comprised of heat
   stabilized polymers and asphalt.

   Sizes: CrackMaster Supreme is
   supplied in 50 lb. cardboard cartons
   containing two 25 lb. blocks of
   material per carton.

   Color: Black.

   Limitations: Do not overheat
   material. Cracks must be free from
   moisture, dust, loose aggregate and
   other contaminants prior to
   application.

4. TECHNICAL DATA
   CrackMaster Supreme meets Seal-
   Master Product Specifications
   when tested in accordance with
   ASTM D-5329 (see chart below).

   Environmental Considerations:
   CrackMaster Supreme is
   considered a non-hazardous
   material.

5. INSTALLATION
   Proper surface preparation will
   facilitate adequate adhesion and
   consequently the maximum service
   life of the sealant. The crack must
   be free from moisture, dust, and
   loose aggregate. Routing or wire
   brushing are preferred methods
   followed by a compressed air heat
   lance immediately prior to sealing.
   The substrate and air temperature
   must be above 40°F.

   Methods: CrackMaster Supreme
   may be melted in direct fired or oil
   jacketed melters. Carefully insert
   blocks of material (with plastic bag)
   into melting equipment with
   agitator turned off. Load material
   slowly to avoid splashing. After the
   initial load of material has reached
   the recommended pouring temperature (350-400°F), fresh
   material may be added as sealant
   is used. Melt only enough material
   that will be used the same day.
   Avoid overheating material.
   Excessive heat could cause
   material to gel in the equipment or
   fail in crack and joints. A significant
   viscosity increase accompanied
   by stringiness signals the approach
   of gelation. If this occurs, immediately remove the material
   from the melter and dispose of it.

   IMPORTANT: Protective apparel is
   recommended with application of
   CrackMaster Supreme. The
   extremely hot material will cause
   severe burns on contact with skin.
   OSHA Safety Regulations require
   workers to wear the following types
   of safety attire (see current
   OSHA/Safety Regulations for
   additional information): Hard hat
   with face shield; long sleeved shirt
   buttoned at the wrist; heat resistant
   gloves; long, cuffless pants; and
   safety toed work boots. Make
   certain all area around melter is
   clear of all debris and flammable
   materials. Avoid breathing vapors.
   Use with adequate ventilation.

   Mixing Procedures:
   Use material as supplied. Do not
   blend with other materials.

   Application: Apply heated
   CrackMaster Supreme using either
   a pump and wand system or a pour
   pot. For best results the sealant
   depth to width ratio should not
   exceed 2 to 1 (i.e. 2-inches deep
   to 1-inch wide). The cooled sealant

   Chemical & Physical Analysis

   Recommended Application Temperature ..........................350 - 400°F
   Maximum Heating Temperature ........................................450°F
   Cone Penetration at 25°C ..............................................50 Max.
   Flow at 60°C, mm ..........................................................0
   Softening Point ..............................................................200°F Min.
   Flexibility, Ø: 1/8" .................................................. (1” Mandrel) - PASS
   Specific Gravity .................................................................1.17
   Asphalt Compatibility ...................................................PASSES
height should not exceed 1/8" above surrounding pavement. Using a sealing shoe or squeegee, band the material 2 to 3 inches wide over the crack.

**Estimating Material Requirements:**
Use the following chart as a guideline for estimating material requirements (based upon pounds of material needed for 100 feet of cracks):

<table>
<thead>
<tr>
<th>Crack Width</th>
<th>Depth</th>
<th>lbs/100feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>3/8&quot;</td>
<td>6.2 lbs.</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>1/2&quot;</td>
<td>8.3 lbs.</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>11.1 lbs.</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1&quot;</td>
<td>22.2 lbs.</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1/2&quot;</td>
<td>16.6 lbs.</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
<td>25.00 lbs.</td>
</tr>
</tbody>
</table>

The above coverage rates are only a guideline. Actual material usage may vary due to width of application and thickness of material above pavement surfaces.

**Precautions:** Cracks must be free from moisture, dust, dirt, and debris. Both substrate and air temperature must be above 40°F. Keep boxes of material dry during storage. Do not store in direct sunlight.

**6. AVAILABILITY & COST**

**Availability:** CrackMaster Hot Pour Crack Sealants are supported by a nationwide network of SealMaster facilities along with a national and international network of professional applicators.

**Cost:** Cost information can be obtained from a local SealMaster CrackMaster applicator. Contact SealMaster for the CrackMaster representative in your area.

**7. WARRANTY**
SealMaster warrants that CrackMaster Supreme meets the chemical composition and performance requirements set forth in section 4. Liability to the buyer or user of this product is limited to the replacement value of the product only.

**9. TECHNICAL SERVICES**

**Manufacturer:** Complete product specifications, material safety data sheets, and technical assistance is available from SealMaster.

**Professional Applicators:** Your local CrackMaster applicator is available to provide on-site inspections and recommendations to meet your specific needs.

**10. FILING SYSTEMS**

- SealMaster Online Specification at www.sealmaster.net
- Complete SealMaster Product and Equipment Catalog Available
- Sweet’s Catalog
- Sweet’s CD
- Sweet’s Online
- Sweet’s Directory

The statements made in this specification 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. Warranty is void on multi-coat applications if material made by other manufacturers is used with this product.

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