SELECTION & SPECIFICATION DATA

Generic Type: Novolac Epoxy Ceramic Paste

Description: EP5720 is a 100% solids novolac coating designed for maximum heat and chemical resistance. Excellent coating for floors, secondary containment, ducts, piping, vessels, and storage tanks.

Features:
- 100% Solids, No VOCs
- Excellent chemical resistance
- Maximum heat resistance

Recommended Uses:
- Coal chutes & silos
- Dry bag houses
- Slurry tanks
- Pumps and heat exchanger internals

Color: Dark Gray (SC5720)

Container Size: 1 gallon kits, 4X1 quart case kit

Solids Content: By Volume 100% +/- 1%

Theoretical Coverage Rate:
- 12.8 sq ft at 125 mils
- 2 sq ft at 800 mils

Pull-Off Adhesion Test: Minimum adhesion is 2800 psi

ASTM D 4541

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Application (General):
This is a 100% solids coating and may require adjustments in application techniques. Apply directly on to the prepared surface with the plastic applicator or spatula provided. Press down firmly to remove entrapped air, fill all cracks, and ensure maximum contact with the surface. Use reinforcement tape over holes and cracks. Fully machinable using conventional tools once cured.

Brush & Roller (General):
Brush or roller can be used to smooth uncured surface with solvent if desired.

CLEANUP & SAFETY

Cleanup:
Use MEK or Acetone. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety:
Read and follow all caution statements on this product data sheet and on the SDS for this product. Wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation:
When used in enclosed areas, thorough air circulation is recommended during and after application until the coating is cured.

PACKAGING, HANDLING & STORAGE

Shelf Life:
- Part A: 24 months at 75° F (24°C)
- Part B: 12 months at 75° F (24°C)

Shipping Weight (Approximate):
4 X 1.5KG kit per case 16 lbs (7.27 KG)

Storage Temperature & Humidity:
40° -110°F (4°-43°C)
0-100% Relative Humidity

Storage:
Store in a dry, well-ventilated area. Maintain products in original packaging and sealed until ready for use. Avoid exposure to direct sunlight or any adverse environmental conditions that would cause contamination. Refer to Material Safety Data Sheet for additional information.

SUBSTRATES & SURFACE PREPARATION

General:
Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminant.

MIXING & THINNING

Mixing:
DO NOT MIX PARTIAL KITS. Transfer the entire contents of the Resin and Hardener on to the plastic mix board. Mix thoroughly together until color of material is uniform and free of any streaks.

Thinning:
No Thinning
Use of thinners other than those supplied or recommended by ErgonArmor may adversely affect product performance and void product warranty, whether expressed or implied.

Ratio:
- 6:1 Ratio (A to B) by Volume
- 10:1 Ratio (A to B) by Weight

Pot Life:
40 minutes at 75° F (24°C)
Pot life times will be less at higher temperatures.
SAFETY
Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products, whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

ORDERING INFORMATION
For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-982-7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

EP5720 CERAMIC PASTE
(SC5400 PASTE)

CURE SCHEDULE

<table>
<thead>
<tr>
<th>Cure Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1½ hours</td>
<td>Re-coat Window</td>
</tr>
<tr>
<td>12 hours</td>
<td>Light Loading</td>
</tr>
<tr>
<td>30 hours</td>
<td>Immersion (Aqueous) Service</td>
</tr>
<tr>
<td>7 days</td>
<td>Full or Chemical Service</td>
</tr>
</tbody>
</table>

PERFORMANCE DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>greater than 250°F (121°C)</td>
</tr>
<tr>
<td>Coefficient of Thermal Expansion (10⁻⁶/per °F)</td>
<td>1.8</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Resin: 1.51; Hardener: 0.95</td>
</tr>
<tr>
<td>V.O.C lbs./gallon</td>
<td>0 grams/liter</td>
</tr>
<tr>
<td>Weight per gallon</td>
<td>11.39 lbs</td>
</tr>
<tr>
<td>Dry Service</td>
<td>450° F (232°C)</td>
</tr>
<tr>
<td>Splash/Spill</td>
<td>360° F (182°C)</td>
</tr>
<tr>
<td>Immersion Service*</td>
<td>300° F (149°C)</td>
</tr>
</tbody>
</table>

* Immersion with solvents, mineral acids, or alkalines, or if over 150°F, contact factory.

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