

Revised on April 2012

EP 5720 CERAMIC PASTE (SC5400 PASTE)

PRODUCT PROFILE:

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. EP5720 is a true high performance coating.

PRODUCT FEATURES and BENEFITS:

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

CHEMICAL RESISTANCE

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| • Ammonium Hydroxide | • Hydrochloric Acid up to 100% | • Phosphates |
| • Aromatic & Aliphatic Solvents | (38% Hydrogen Chloride content) | • Potassium Hydroxide |
| • Black Liquor | • Hydrofluoric Acid up to 35% | • Salts |
| • Butyl Acetate | • Hydrogen Sulfide | • Sodium Hydroxide |
| • Butyl Carbitol | • MEK | • Sodium Hypochloride up to 50% |
| • Chlorinated Solvents (except Methylene Chloride) | • Nitric Acid up to 30% | • Sulfides |
| • Chlorides | • Many Organic Acids | • Sulfuric Acid up to 98% |
| • Chromic Acid up to 30% | • Phosphoric Acid up to 75% | • White Liquor |

PHYSICAL PROPERTIES

Color	Light(SC5410) and Dark Gray(SC4520)
Container Size	1 gallon kits, 4X1 quart case kit
Coverage per gallon (Theoretical)	160 sq. ft. @ 10 mils thickness
Coefficient of Expansion (10 ⁻⁶ / per °F)	1.8
Flash Point	greater than 250°F (121°C)
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 2800 psi
Recommended Thickness*	Up to 250 mils
Specific Gravity	Resin: 1.51; Hardener: 0.95
Volatile Organic Compounds (VOC)	0 grams/liter

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Weight per gallon	11.39 lbs
Pot Life @ 40°F (4°C)	5 hours 40 minutes
75°F (24°C)	1 hour
92°F (33°C)	25 minutes
CURE TIME (at 70°F): Re-coat Window	1-1½ hours
Light Loading	12 hours
Immersion (Aqueous) Service	30 hours
Full or Chemical Service	7 days

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic heat created during the curing process will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".

SERVICE TEMPERATURE

Dry Service	450°F (232°C)
Spill/Splash	360°F (182°C)
Immersion Service*	300°F (149°C)

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

MULTIPLE COATS:

Second and subsequent coats must be applied before the previous coat has completely cross-linked. If additional coats are needed after re-coat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.

The same requirement applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means as power brushing or sanding to create a mechanical profile.

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.

Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.