

PRODUCT PROFILE:

Novocoat Protective Coatings consistently produces products of exceptional chemistry delivering the best in corrosion protection, while being safe for our environment and totally user friendly.

SC3406 is a 100% solids, specialized novolac coating designed to withstand multiple, rapid temperature variations. SC3406 provides excellent chemical and heat resistance; Will withstand temperatures in excess of 400°F. SC3406 is outstanding for pipe wraps, leaks, scrubbers, crackers, stacks, primary and secondary containment, valves, fittings, fans blowers, compressors, ducts, chemical line, brine/slurry tanks and more.

PRODUCT FEATURES AND BENEFITS:

- 100% Solids, No VOCs, No Isocyanates
- Can withstand multiple, rapid temperature variations up to 400°F
- Excellent chemical and heat resistance

CHEMICAL RESISTANCE:

- | | | |
|---------------------------------|--------------------------------|---------------------------|
| • Acetic Acid up to 10% | • Hydrochloric Acid up to 100% | • Potassium Hydroxide* |
| • Ammonium Hydroxide* | • Hydrogen Sulfide | • Sodium Hydroxide* |
| • Aromatic & Aliphatic Solvents | • Isopropyl Alcohol | • Most Sulfides |
| • Black Liquor | • Mineral Acids | • Sulfuric Acid up to 80% |
| • Butyl Acetate | • Nitric Acid up to 10% | • 1,1,1-Trichloromethane |
| • Butyl Carbitol | • Mild Organic Acids | • Urea Solutions |
| • Most Chlorides | • Most Phosphates | • White Liquor |
| (*Ambient temperature only) | • Phosphoric Acid | |

PHYSICAL PROPERTIES

Color	Light Gray, Blue	
Container Size	1 or 2 gallons	
Coverage per gallon (Theoretical)	160 sq. ft. @ 10 mils thickness	
Coefficient of Expansion (10 ⁻⁶ / per °F)	1.4	
Flash Point	> 240°F (115°C)	
Pull-Off Adhesion Test ASTM D 4541	Minimum adhesion is 1900 psi	
Recommended Thickness	3-4 coats @ 10 mils each	
Specific Gravity	Resin: 1.85	Hardener: 1.05
Volatile Organic Compounds (VOC)	0 grams/liter	
Weight per gallon	12.76 lbs	

POT LIFE

40°F (4°C)	1 hour 20 minutes
55°F (13°C)	50 minutes
70°F (21°C)	30 minutes

Note: Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exotherm—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	300°F (149°C)
Immersion Service*	260°F (126.5°C)

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

PUMP SPECIFICATIONS

Pump Ratio	56:1 or greater
Minimum Output	5600psi
Product Hose: Min. - Optimum I.D.	0.375 - 0.5 inch
Max. Length	50 feet

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.

CURE TIME (AT 75°F OR 24°C)

Re-coat Window	½ - 3½ hours
Light Loading	12 hours
Immersion (Aqueous) Service	30 hours
Full or Chemical Service	7 days

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 877-98ARMOR.

Data Sheet Revised July 2009

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