



# CHEM-PON 2006HS

EPOXY  
PRIMER FINISH

## TECHNICAL PRODUCT BULLETIN

### PRODUCT DESCRIPTION AND USES

**CHEM-PON 2006HS** is a polyamide cured epoxy that is the foundation for many IndMar coating systems. It is top-coated with epoxies, polyurethanes, and other paint systems. It is used as a tie coat for the inorganic zinc rich coatings. It exhibits excellent adhesive properties and protects metal surfaces for extended periods of time. It is used on original equipment because it will withstand considerable abuse and rough handling in shipment.

**CHEM-PON 2006HS** contains carefully selected rust inhibitors to ensure long coating life when applied over less than ideal surfaces. It builds well on edges and it is easily repaired on edges or flat surfaces.

**CHEM-PON 2006HS** meets the requirements of SSPC-Paint 42, MPI #108 and MPI #120.

**CHEM-PON 2006HS** is acceptable for use on bridges, tanks, marine and off-shore vessels, equipment, pulp, and paper mills, chemical plants, refineries, railcars, and general structural steel. For underwater surfaces of vessels, it can be used for direct application to metal in two coats or as a tiecoat over existing coatings prior to application of antifouling paints.

**CHEM-PON 2006HS** has excellent adhesion to concrete surfaces and exceptional water resistance for use in swimming pools.

### PRODUCT DATA

VOC Content:  
**2.4 lbs/gal.; 288 grams/liter**

Type of Material:  
**Epoxy, polyamide cure**

Volume Solids:  
**70%**

Estimated Coverage:  
**281 sq. ft. @ 4 mils DFT; 1123 sq. ft. @ 1 mil DFT**

Recommended Film Thickness:  
**1 - 6 mils DFT**

Method of Application:  
**Spray, brush or roll**

Number of Coats:  
**One, normally**

Thinner and Clean Up Solvent:  
**146 Thinner**

Shelf Life:  
**1 year from DOM @ 75°F**

Pot Life:  
**12-18 hrs @ 55°F; 6 hrs @ 75°F; 2-3 hrs @ 95°F**

Dry Time:  
**6 hrs to topcoat @ 75°F**

Flash Point:  
**Closed cup: 158°F base; 100°F catalyst**

Color and Gloss:  
**Gray, red, white, green; low & medium gloss**

Mixing Ratio:  
**1 part base to 1 part catalyst by volume**

PHONE: (757) 899-3807  
FAX: (757) 899-3907

**IndMar Coatings Corporation**

P O Box 456  
Wakefield, VA 23888  
indmar@earthlink.net  
www.indmarcoatings.com

**PHYSICAL PROPERTIES**

Chemical Resistance:	Acids—Good	Water—(77°F)—Excellent
	Salts—Excellent	Water—(120°F)—Excellent
	Alkalis—Good	Salt Spray—Excellent; less than 1/16" creepage/1000 hours
Solvents:	Excellent	
Abrasion resistance:	Excellent	
Flexibility:	Good	
Weathering:	Good	

**GENERAL INFORMATION**

Do not apply or cure below 40°F as all polyamides cure poorly when the temperature drops below 40 - 45°F. **CHEM-PON 2006HS** may over-cure after 5 -7 days at 75°F. If the coating is aged to the equivalent of 5 days or less at 75°F and some **CHEM-PON 2006HS** can be removed by 25 double rubs with an MEK soaked rag, the coating is not over-cured and will accept an epoxy or urethane topcoat. Do not apply **CHEM-PON 2006HS** on any day when the temperature is expected to drop below 30°F within a 24 hour period. Do not apply when the temperature is within 5°F of the dew point as water condensation will inhibit curing. Any substrate, especially old coatings, must not have a glossy surface. Oil, alkyd, and thermoplastic type paints may be top-coated if they are de-glossed and a tie coat such UP-3000 is used.

Under certain conditions, the time limit for top-coating may be exceeded. Consult IndMar for details. A special epoxy accelerater is available for curing at lower temperatures.

When used as a underwater primer on marine vessels care must be taken regarding length of time prior to application of antifouling paints. For best performance and adhesive, antifouling should be applied after primer has cured 4 hours and is still slightly tacky.

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