

Technical Data Sheet: Ref: TDS-HPC-0001-V03

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Date of issue: June 2017

## A570-3016

### POLYAMINE CURED EPOXY PHENOLIC COATING (Novolac)

<b>GENERIC TYPE</b>	Epoxy																								
<b>DESCRIPTION</b>	A570-3016 is a two component, polyamine cured, epoxy phenolic coating																								
<b>RECOMMENDED USE</b>	As a protective coating in industrial and marine structures over concrete or metal surfaces. Resistant to a variety of chemicals, fuel oils & solvents, As a general purpose is suitable for lining storage tanks ship tanks exposed to immersion and splash of sea water.																								
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>- Excellent chemical resistance against acids and alkalis</li> <li>- High oil resistance</li> <li>- Corrosion resistance in moderately to severely environment</li> <li>- Suitable for steel and concrete exposed to splash, spillage, fumes of corrosive chemical</li> <li>- Suitable as a lining for storage tanks, on sub-state exposed to immersion and splash of sea water</li> </ul>																								
<b>PHYSICAL PROPERTIES</b>	<table border="0"> <tr> <td>Finish</td> <td>Semi flat – Semi gloss</td> </tr> <tr> <td>Color</td> <td>Gray, Yellow, Red</td> </tr> <tr> <td>Solid by volume</td> <td>65±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.35±0.1 gr/cm<sup>3</sup></td> </tr> <tr> <td>Flash point</td> <td>35 °C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>100-150 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>9 – 5.3 m<sup>2</sup>/Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on the loss factor</td> </tr> <tr> <td>Touch dry</td> <td>6 hrs. at 20°C</td> </tr> <tr> <td>Hard dry</td> <td>24 hrs. at 20°C</td> </tr> <tr> <td>Full Cured</td> <td>7 days. at 20°C</td> </tr> <tr> <td>Thermal resistance</td> <td>Max. 150°C (dry exposure)</td> </tr> </table>	Finish	Semi flat – Semi gloss	Color	Gray, Yellow, Red	Solid by volume	65±5%	Specific Gravity	1.35±0.1 gr/cm <sup>3</sup>	Flash point	35 °C	Recommended D.F.T.	100-150 microns	Theoretical coverage	9 – 5.3 m <sup>2</sup> /Lit		Practical coverage depends on the loss factor	Touch dry	6 hrs. at 20°C	Hard dry	24 hrs. at 20°C	Full Cured	7 days. at 20°C	Thermal resistance	Max. 150°C (dry exposure)
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## APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °C
Mixing ratio(by weight)	5:1
Packaging(A+B)	20KG+4KG
Hardener(B)	A275-2006
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20°C, Max 3 days. at 20°C
Pot Life	2 hrs. at 20°C
Application condition	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation Environment Temperature should be 10 °C min and 40 °C max and Relative humidity: 80% maximum.
Nozzle orifice	0.017"-0.025"
Nozzle pressure	200 bar/2900 psi Airless spray is indicative and subject to adjustment

## SURFACE PREPARATION

The surface should be clean, dry, and free from oil, grease, salt, and other foreign materials.

## SAFETY PRECAUTIONS

Detail information is given on the Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. The application and handling of this product should be in compliance with relevant national regulations.

## STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

## SHELF LIFE

12 months from date of production.

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