

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

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Date of issue: June 2017

## A570-3005

### POLYAMIDE CURED EPOXY TOP COAT

<b>GENERIC TYPE</b>	Epoxy																						
<b>DESCRIPTION</b>	A570-3005 is a two component, polyamide cured epoxy top-coat.																						
<b>RECOMMENDED USE</b>	As a general purpose rust preventing top coat for epoxy systems, on structural steel, pipe, tanks, oil, refineries, and power plants. Chemical process plants, for immersion and non-immersion service.																						
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>- Excellent oil resistance</li> <li>- Excellent chemical resistance against weak acids and alkalis</li> <li>- Suitable as a finish coat in various epoxy paint systems</li> <li>- Corrosion resistance in moderately to severely environment</li> </ul>																						
<b>PHYSICAL PROPERTIES</b>	<table border="1"> <tr> <td>Finish</td> <td>Semi flat – Semi gloss</td> </tr> <tr> <td>Color</td> <td>Upon request</td> </tr> <tr> <td>Solid by volume</td> <td>58±2%</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>28 °C</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>50-70 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>8.28-11.6 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>5 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. 140°C (dry exposure)</td> </tr> </table>	Finish	Semi flat – Semi gloss	Color	Upon request	Solid by volume	58±2%	Specific Gravity	1.35±0.1 gr/cm <sup>3</sup>	Flash point	28 °C	Recommended D.F.T.	50-70 microns	Theoretical coverage	8.28-11.6 m <sup>2</sup> /Lit		Practical coverage depends on the loss factor	Touch dry	5 hrs. at 20°C	Full Cured	7 days. at 20°C	Thermal resistance	Max. 140°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)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20°C, Max 7 days. at 20°C
Pot Life	8 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"-0.021"
Nozzle pressure	150 bar/2175 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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