

Technical Data Sheet: Ref: TDS-HPC-0001-V02

[www.kansaipaint.ir](http://www.kansaipaint.ir)

Date of issue: June 2017

## A570-1003

### POLYAMIDE CURED EPOXY RED LEAD PRIMER

<b>GENERIC TYPE</b>	Epoxy																						
<b>DESCRIPTION</b>	A570-1003 is a two component, polyamide cured epoxy primer, containing red lead as corrosion inhibiting pigment as a primer.																						
<b>RECOMMENDED USE</b>	As a dust inhibitive primer on steel structures , off shore plat forms , super structures, exteriors of storage tanks , pipes and machinery , decks and hulls surfaces after sand blast.																						
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>-Effective dust inhibitive properties</li> <li>-With high performance Appearance</li> <li>-Has excellent performance in corrosive marine environments</li> <li>-Suitable for variety at substrates</li> <li>-Has high chemical and water resistance</li> </ul>																						
<b>PHESICAL PROPERTIES</b>	<table border="1"> <tr> <td>Finish</td> <td>Flat - Semi flat</td> </tr> <tr> <td>Color</td> <td>Orange</td> </tr> <tr> <td>Solid by volume</td> <td>60±5%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.5±0.1 gr/cm3</td> </tr> <tr> <td>Flash point</td> <td>34 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>60-80 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>10.83-6.87 m<sup>2</sup>/ Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on 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	Flat - Semi flat	Color	Orange	Solid by volume	60±5%	Specific Gravity	1.5±0.1 gr/cm3	Flash point	34 °c	Recommended D.F.T.	60-80 microns	Theoretical coverage	10.83-6.87 m <sup>2</sup> / Lit		Practical coverage depends on loss factor	Touch dry	5 hrs. at 20°c	Full Cured	7 days. at 20°c	Thermal resistance	Max. 140°c (dry exposure)
Finish	Flat - Semi flat																						
Color	Orange																						
Solid by volume	60±5%																						
Specific Gravity	1.5±0.1 gr/cm3																						
Flash point	34 °c																						
Recommended D.F.T.	60-80 microns																						
Theoretical coverage	10.83-6.87 m <sup>2</sup> / Lit																						
	Practical coverage depends on loss factor																						
Touch dry	5 hrs. at 20°c																						
Full Cured	7 days. at 20°c																						
Thermal resistance	Max. 140°c (dry exposure)																						

Technical Data Sheet: Ref: TDS-HPC-0001-V02

[www.kansaipaint.ir](http://www.kansaipaint.ir)

Date of issue: June 2017

## APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	6:1
Packaging(A+B)	24KG+4KG
Hardener(B)	A275-2008-50
Thinner/Cleaner	A840-0570
Recoat interval	Min 24 hrs.at 20 °c, Max 14 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 PREPRATION

The surface should be clean , dry and free from oil , grease , salt and other foreign materials and blast cleaned up to Sa 2½ for primer application and as a tie coat is required the primed surface cleaned , dry and free from any other contaminations.

## SAFETY PRECAUTIONS

Detail information is given on 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. 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.

DISCLAIMER: The information given on this sheet is to the best of our knowledge and accurate at the time of issuing. Since conditions of use are beyond the manufacturer's control information contained herein is without warranty implied or otherwise and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.