



kansai paint

Kansai Paint Iranian

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

www.kansaipaint.ir

Date of issue: June 2017

A570-3001

POLYAMIDE CURED EPOXY TOP COAT

GENERIC TYPE	Epoxy																				
DESCRIPTION	A570-3001 is a two components, polyamide cured epoxy top coat.																				
RECOMMENDED USE	As an epoxy topcoat with excellent chemical and mechanical properties, suitable for coating chemical products containers.																				
FEATURES	<ul style="list-style-type: none">-Excellent oil resistance-Excellent chemical resistance against weak acids and alkalis-Suitable as finish coat in various epoxy paint systems-Corrosion resistance in moderately to severely environment																				
PHESICAL PROPERTIES	<table><tr><td>Finish</td><td>Semi gloss - Gloss</td></tr><tr><td>Color</td><td>Upon request</td></tr><tr><td>Solid by volume</td><td>58±5%</td></tr><tr><td>Specific Gravity</td><td>1.25±0.1 gr/cm³</td></tr><tr><td>Flash point</td><td>27 °c</td></tr><tr><td>Recommended D.F.T.</td><td>50-70 microns</td></tr><tr><td>Theoretical coverage</td><td>12.6 -7.57 m²/ Lit 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	Semi gloss - Gloss	Color	Upon request	Solid by volume	58±5%	Specific Gravity	1.25±0.1 gr/cm ³	Flash point	27 °c	Recommended D.F.T.	50-70 microns	Theoretical coverage	12.6 -7.57 m ² / 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)
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APPLICATION

Application method	Air/Airless spray, Brush, Roller
Surface temperature	10-40 °c
Mixing ratio(by weight)	3:1
Packaging(A+B)	12KG+4KG
Hardener(B)	A275-2008
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 PREPRATION

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

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.

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