

<b>GP PRIME 213 AD EPOXY MODIFIED EPOXY PRIMER</b>			
<b>DESCRIPTION</b>	Single component modified Epoxy based air-drying primer having excellent corrosion resistance properties.		
<b>RECOMMENDED USE</b>	It is an ideal air-drying protective primer for application on M.S. metal surface for OEM industries like agricultural machineries, earth moving equipments, machine tools etc.		
<b>PHYSICAL DATA</b>			
<b>COLOUR</b>	Industrial shades		
<b>FINISH</b>	Matt		
<b>SOLIDS BY VOLUME</b>	40 ± 3%		
<b>Theoretical Spreading Rate</b>	11.42 sq.mt / Ltr at recommended DFT of 35 µ		
<b>FLASH POINT</b>	Above 25 <sup>o</sup> C		
<b>DRYING CHARACTERISTICS (At 30<sup>o</sup> C &amp; 65% Relative Humidity)</b>			
<b>SURFACE DRY</b>	30 MINUTES		
<b>TACK FREE</b>	3- 4 hr's		
<b>HARD DRY</b>	24 hr's		
<b>SHELF LIFE</b>	12 months		
<b>SURFACE PREPARATION</b>			
<p>The surface of steel should be free from rust, dust, oil, grease, and other foreign contaminants. The surface should be prepared by following seven tanks pretreatment. It is preferable to have Zinc Phosphating. Iron Phosphated surface is also acceptable under certain conditions.</p> <p><b>Alternatively the</b> Sand blasting to Sa2½ is also the recommended method of surface preparation.</p>			
<b>APPLICATION DATA</b>			
<b>APPLICATION</b>	By Conventional Spray / By Brush /Dipping		
<b>THINNER</b>	Thinner 003		
<b>RECOMMENDED DFT</b>	30 – 40 µ.		
<b>COMPATIBILITY</b>	Compatible with PU, Selected Epoxy and Single component Finish paints		
<b>OVECOATING INTERVAL</b>	<b>1K Topcoat</b> Wet on Wet <b>Min:</b> 16 hr's <b>Max:</b> Indefinite	<b>2K PU Topcoat</b>  <b>Min:</b> 72 hr's <b>Max:</b> Indefinite	<b>2K Epoxy T/c</b>  <b>Min:</b> 10 days <b>Max:</b> Indefinite

<b>APPLICATION METHOD</b>	
<p>Stir the paint thoroughly. Add Thinner 003 into the paint. Strain the paint through Nylon filter cloth of 200 mesh size. All equipments used for above should be properly clean.</p> <p><b>Application:</b> By Air Spray / By Brush</p> <p><b>Dipping:</b> Take material in clean and dry dip tank adjusts viscosity to <math>22 \pm 2</math> sec with thinner 003. Gently and slowly dip the component/ article in the tank. Remove it slowly and remove fat edge after product run down is stable. Ensure proper circulation of material in tank in order to avoid any sort of settling.</p>	
<p><b>For Conventional Spray application</b>            Thinner: Thinner 003            Addition: 25 – 30 % max            Nozzle Orifice: 1.2 -1.5 mm            Nozzle Pressure: 45 – 55 p.s.i.</p>	<p><b>For Brush Application:</b>            Add thinner type 003 to the tune of 4-8%. Use quality brush. Apply in criss-cross pattern so as to cover the complete area without leaving behind any misses or pores.</p>
<b>ADDITIONAL INFORMATION</b>	
<p>Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following section of Grand Polycoats Data manual:</p> <ul style="list-style-type: none"> <li>⇒ Guide to Product Data Sheet</li> <li>⇒ Surface Preparation Details</li> <li>⇒ Paint Application Details</li> <li>⇒ MSDS</li> </ul>	
<p><b>Instruction:</b></p> <ol style="list-style-type: none"> <li>1. Do not apply paint when temperature falls below 10<sup>0</sup>C or rises above 50<sup>0</sup>C, when Relative Humidity is above 85%. &amp; During rain, fog, or mist.</li> <li>2. Contact Grand Polycoats' representative for further assistance.</li> <li>3. Shelf life indicated is minimum for this Product and it is subject to re-inspection thereafter. Individual component is required to be stored in cool, dry and covered condition, away from heat and ignition.</li> </ol>	
<b>HEALTH &amp; SAFETY</b>	
<p>This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.</p>	
<b>LIMITATION OF LIABILITY</b>	
<p>To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We Make No Other Warranty Or Guarantee Of Any Kind, Express Or Implied, Including Merchantability And Fitness For Particular Purpose. Liability, If Any, Is Limited To Replacement Of The Product Or Refund Of The Purchased Price. Labour Or Cost Of Labour And Other Consequential Damages Are Hereby Excluded</p>	
<p>R: 1: 04: 19 This supersedes all earlier versions of this product data sheet</p>	

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