

ANUCRYL AC-40

TECHNICAL DATA SHEET



INTRODUCTION	ANUCRYL AC-40 is a pure acrylic emulsion which is self cross linkable, stain and UV resistant. It is low VOC and formaldehyde free. It has excellent adhesion to metals also.
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APPLICATION	ANUCRYL AC-40 is used for direct to metal coating and Exterior Emulsion Paints.
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KEY FEATURES	<ul style="list-style-type: none"> • Self-cross linkable • Low VOC and formaldehyde free. • Excellent adhesion to metal • Very good exterior weatherability
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TYPICAL PROPERTIES	<table border="0"> <tr> <td>Appearance</td> <td>:</td> <td>Semi Translucent liquid</td> </tr> <tr> <td>% Solid Content</td> <td>:</td> <td>39 ± 1</td> </tr> <tr> <td>@150° C ; 1/2hr</td> <td></td> <td></td> </tr> <tr> <td>pH (As is)</td> <td>:</td> <td>9.0 - 10.0</td> </tr> <tr> <td>Ford cup Viscosity 30°C</td> <td>:</td> <td>12 – 14 Sec</td> </tr> <tr> <td>Glass Transition Temperature</td> <td></td> <td></td> </tr> <tr> <td>Theoretical Tg [°C]</td> <td>:</td> <td>10</td> </tr> <tr> <td colspan="3">Film properties</td> </tr> <tr> <td>Curing – At Room Temperature</td> <td>:</td> <td>24 hrs</td> </tr> <tr> <td>At 80°C [accelerated curing]</td> <td>:</td> <td>10 minutes</td> </tr> </table>	Appearance	:	Semi Translucent liquid	% Solid Content	:	39 ± 1	@150° C ; 1/2hr			pH (As is)	:	9.0 - 10.0	Ford cup Viscosity 30°C	:	12 – 14 Sec	Glass Transition Temperature			Theoretical Tg [°C]	:	10	Film properties			Curing – At Room Temperature	:	24 hrs	At 80°C [accelerated curing]	:	10 minutes
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SAFETY DATA	<p>Health Hazard: ANUCRYL AC-40 is alkaline in nature and harmful if swallowed. Avoid contact with skin. Use protective clothing, hand gloves, goggles, safety shoes etc., while handling this material. In case of contact or splash on eyes, wash with sufficient amount of water and consult a physician.</p> <p>Fire Hazard: ANUCRYL AC-40 is water-based and non-flammable.</p>
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STORAGE	Store products in tightly closed original containers at temperatures recommended on the product label.
PACKAGING	240 Kg HDPE Drums/Tanker.
HANDLING PRECAUTION	Before using this product, consult the Material Safety Data Sheet (MSDS) for details on product hazards, recommended handling precautions and product storage.
DISCLAIMER	This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use or not. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.

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