

ECO-IMPRES - 4090

TECHNICAL DATA SHEET

INTRODUCTION	ECO-IMPRES-4090 is a styrene acrylic co-polymer emulsion for use in Water-based Inks and Overprint Varnishes.
AREAS OF APPLICATION	<p>ECO-IMPRES 4090 is a non-film forming styrene acrylic co-polymer emulsion of a very high Tg, developed for use in Water-based Overprint Varnishes and Flexographic Inks. It is used as an excellent let down medium for water-based inks. It provides high heat resistance and film release properties in overprint varnishes. ECO-IMPRES 4090 additionally provides gloss and optical clarity. ECO-IMPRES 4090 can also be employed as deblocking modifier.</p> <p>ECO-IMPRES 4090 can be used to formulate high performance inks & overprint varnishes or OPV's. By varying the concentration of ECO-IMPRES 4090 in the formulation a technician can adept any formula to meet the individual press requirements, while ensuring fine line work and precise process color dot reproduction.</p>
FEATURES & BENEFITS	<p>Very High Gloss and holdout on paper and paper board, fast Drying, excellent Film Clarity</p> <p>Mainly employed for Paper, Paper Board and Corrugated Board applications</p> <p>Compatible with other Eco-Impres resin emulsions, Wax dispersions, Coalescing agents commonly employed in Water-based OPV's and ink systems</p> <p>High Heat Seal and Film Release properties, Stabilized with Biocides, Very Hard Polymer</p>

	<p>EPO Free and free of glycol, glycol ether, plasticizers and solvent, Good Alcohol Dilutability</p> <p>Versatility - in terms of adjustment of hardness (Minimum Film Forming Temp.), by combining with other similar emulsions, enables use in variety of end use applications.</p> <p>Rheology Controlled (RC) Emulsion</p> <p>Outstanding stability in terms of pH, Viscosity, Rheologic</p>																											
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<p>PACKING</p>	<p>240 kg in HDPE containers</p>																											
<p>SHELF LIFE</p>	<p>Store products in tightly closed original containers at temperatures recommended on the product label.</p>																											
<p>SAFETY DATA</p>	<p>ECO-IMPRES 4090 is alkaline in nature and harmful if swallowed. Avoid contact with skin and use protective clothing, hand gloves, goggles etc, while handling this material. In case of contact or splash on eyes, wash with copious amount of water and consult a physician. ECO-IMPRES 4090 is a water-based system and non-flammable.</p>																											
<p>DISCLAIMER</p>	<p>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. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.</p>																											

ANUVI CHEMICALS LIMITED (AN ISO 9001: 2015 COMPANY)

Sales office: 205/210/211, Narmada, Laxmi Industrial Premises,
Pokharan Road No.1, Vartak Nagar, Thane - 400 606,
Maharashtra. India.

Tel.:+91-22-25855379 / 25855714 **Website** www.anuvi.in



