

ECO-IMPRES - 4014

Water repellent coating

TECHNICAL DATA SHEET

INTRODUCTION	ECO-IMPRES – 4014 is Water repellent coating for paper (Corrugation applications used for storage and transportation of ice-cream packs and perishables – vegetables, fruits etc. using refrigerated containers)		
AREAS OF APPLICATION	Corrugated paper cartons/ boards/bags – specially for storage and transportation of fruits and vegetables in refrigerated containers Soap wrappers Paper drums and pallets		
FEATURES & BENEFITS	<ul style="list-style-type: none"> • Good water-repellency (Water beading and Lotus leaf or Duck Back Effect) • Good levelling and Fast drying • Strong wet abrasion resistance • Improves WVTR or Water Vapour Transmission Resistance properties • Non-permeability for water/ moisture • Good adhesion on paper as well as commonly used ink systems on paper • High transparency • Low temperature resistance • Dampness prevention advantage • Breathable (air transmission) • Very low VOC (Volatile Organic Content) 		
TYPICAL PROPERTIES	Appearance	:	Opaque white liquid
	Water beading / Duck Back Effect	:	Excellent
	Total solids, %	:	37 ± 2
	pH	:	7.5 – 9.5
	Viscosity (Ford cup) sec	:	30-50

	<p>Water Transmission Resistance Property Corrugated paper– Static water drops on corrugated paper samples (available in the laboratory) – Double coat application of the varnish (with Mayer Bar No. II) Approximately 5 GSM dry coating wt. : > 2 hrs</p> <p><i>Suitable application machine: Off line & On line – Gravure / Coater / Wire Bar; Gluing applicator</i></p>
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PACKING	20, 100 & 240 kg in HDPE containers
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SHELF LIFE	Store products in tightly closed original containers at temperatures recommended on the product label.
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SAFETY DATA	<p>ECO-IMPRES 4014 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.</p> <p>ECO-IMPRES 4014 is a water-based system and non-flammable.</p>
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DISCLAIMER	<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>
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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

