

ANUCRYL T-18

TECHNICAL DATA SHEET

INTRODUCTION

ANUCRYL T -18 is a non-ionic self-cross-linking polymer emulsion used wide variety of textile applications like

- Fiber Flocking
- Fabric back coating
- Bonding and fiber fill
- Fabric finishing

APPLICATION

ANUCRYL T -18 can be easily formulated for specific applications. It does not require addition of nitrogenous or other external cross-linking agents to achieve desired properties of durability to washing and dry cleaning. However, to hasten the rate of cross-linking catalysts like oxalic acid, Diammonium hydrogen phosphate or Ammonium Nitrate could be used. The usage could vary from 0.1 % 1.0 % depending on the nature of the catalyst.

ANUCRYL T-18 when used in fabric finishing provides following properties to the fabric.

- pilling resistance
- improvement in crease recovery
- abrasion resistance etc.

ANUCRYL T-18 gives dimensional stability and easier handling when used in fabric back coating.

ANUCRYL T-18 is extensively used in adhesive formulations for fiber flocking and lamination. It provides

- Good abrasion resistance in flocking applications.
- Good peel strengths in laminating
- Durability to multiple washings and dry cleanings.

ANUCRYL T-18 can be thickened by using small quantity of ANUCRYL K-116 and then raising the pH to about 7.4 to 8.2

TYPICAL PROPERTIES	<p>Appearance : Milky White Liquid</p> <p>% Solid Content : 43 ± 1</p> <p>Brook Field Viscosity Spindle no.3/ RPM 30 : 600 Cps [max]</p> <p>pH : 3.0-4.0</p>
SAFETY DATA	<p>Health Hazard: ANUCRYL T-18 is acidic 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 enough water and consult a physician.</p> <p>Fire Hazard: ANUCRYL T- 18 is water-based and non-flammable.</p>
STORAGE	<p>Store products in tightly closed original containers at temperatures recommended on the product label.</p>
PACKAGING	<p>240 Kg HDPE Drums/ Tanker.</p>
HANDLING PRECAUTION	<p>Before using this product, consult the Material Safety Data Sheet (MSDS) for details on product hazards, recommended handling precautions and product storage.</p>
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 or not. 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, Than e(W) - 400 606,
Maharashtra, India.
Tel.: +91-22-25855379 / 25855714 **Website** www.anuvi.in

