

## DA-103 / EVA Emulsion

TYPICAL PROPERTIES	
Main Ingredient	Vinyl Acetate-Ethylene Copolymer
Appearance	Milky White
Protective Colloid	Polyvinyl Alcohol
Solids Content *(%)	60 min.
Viscosity*(cP,25 °C,60rpm)	1500 ~ 2500
pH*	5.5±1.0
Free Monomer* (%)	0.5max.
Tg (°C)	0

\*marked item, are the ex-works delivery specification.

All other figures are typical physical properties for reference only.

### USES //

DA-103 is a general purpose copolymer emulsion that can be used in the film bonding , paper bonding, floor, wall and ceiling adhesives. In the general formulation, it can be combined with plasticizers, solvents, thickening agents, extenders etc.

The popular uses are : PVC, plastic or metal (under pressure) film bonding , printed and lacquered papers bonding, plastic material, cellular materials and ceramic tiles to absorbent substrates bonding, polymer cement paste for waterproof.

### INTRODUCTION //

DA-103 is a milky white Ethylene-Vinyl Acetate non-plasticized copolymer emulsion, solid content approx. 60 %. Because of its very good adhesive properties, DA-103 is a raw material which is particularly suitable for the manufacture of adhesives for difficult substance, such as lacquered surface and plastic films in the packaging and paper industries. It is also suitable for floor, wall and ceiling adhesives. After drying it forms a clear, very soft, flexible film with low surface tackiness, exhibit very good adhesive behavior on an extremely wide range of plastic material, especially polyvinyl chloride (PVC) product. DA-103 is a good resistance to aging, light and saponification.

Compatibility with resin solutions, soft resins, plasticizers, solvent and extenders is generally good, although this is should be checked in each individual case.

### SAFETY & STORAGE //

In general, DA-103 is considered safe for their intended use. However, since these products contain minor amounts of residual vinyl acetate monomer (less than 0.5%), It is recommended that adequate ventilation be provided in room where DA-103 is handled. And usual protective measures when handling polymer emulsion such as wearing gloves and goggles should be observed. Splashed on the skin or in the eyes should be removed by irrigation with clean water.

DA-103 should be stored between 5 and 40 °C. Drum of DA-103 should be stored in dry, sheltered area, usage within 6 months is suggested. Do not store under freezing condition. Opened containers should be used as soon as possible if not, should be resealed to prevent dried up.

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