



ECMALON 8816

200-220 kgs

Packaging

ECMALON Polyester Resin is packed in Epoxy lined drums of standard size containing 200/220 kgs in net weight.

Shelf Life

ECMALON Polyester Resin 8816 will remain stable for about 3 mnts if stored in the dark & at temperatures below 25°C. Their stability however deteriorates markedly at higher temperatures, especially when they are directly exposed to sunlight. Hence, they should be kept in a cool, dark place. It is advisable to finish it within three months. Inventory levels should be kept to a reasonable minimum with first-in-first-out stock rotation.

Standards

TYPE: I rating as per I.S.6746: 1994

ISOPHTHALIC GEL COAT RESIN

Description

Ecmalon 8816 is an Isophthalic Spreyable/Hand layup Gel coat Resin. The resin is stabilized with UV absorbers for protection against UV radiations. Unpigmented coatings retain their color for a longer time. In case of addition of pigments, stability depends upon the UV resistance of the pigment.

Typical properties of uncured resin

The resin can be applied by either brush coating or spray application. Suggested wet film thickness is 0.5mm.

Physical Properties

Appearance	Thixotropic pale yellow to yellow hazy liquid
	free from agglomerates
Viscosity @ 25°C	9000+2700 cps
Acid Value (mgKOH/Gm)	14+4
Gel Time @ 25°C	18+8
Resin – 100 Gm; Accelerator – 1.5 ml MEKP Catalyst – 1.5 ml	
Packing Instruction	When the temperature of the Resin is below 50°C;
	pack the material as per the instructions



address ECMAS RESINS PRIVATE LIMITED
7-4-125, Gagan Pahad, Hyd-500052

phone 040-29554703 /05 /08
email id sales@ecmasindia.com

fax 040-24360023
website www.ecmas.in

Storage And Handling

KEEP DRY



The materials must be stored in a moisture free, cool and dry environment, away from any direct sun-light.

STACK HEIGHT



Please avoid stacking of the containers.

Handle the product(s) very carefully during transportation.

Safety Precautions



Wear all PPE's at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.

Storage & Handling

The containers are recommended to be stored in cool and dry conditions for best result. Exposure to sources of heat and sunlight are to be avoided. After drawing the required resin, the container is to be securely closed, left over quantities after usage are not to be transferred back to the container.

The resin contains a volatile monomer with a flash point at 32°C and is of moderate fire hazard. Due precautions to be observed while handling to avoid accidents.

Accelerator and Catalyst are not to be mixed together in the resin. Catalyst is added after thoroughly dispersing the accelerator. All direct contacts of accelerator and catalyst are strictly prohibited as they can lead to explosion.

Quality Policy

ECMAS is committed to enhance Customer Satisfaction; Conservation of Environment; Adherence to Safe Occupational Health & Safety Practices through its Operations and practices for continual improvement of the established IMS by carrying regular internal audits and complying with applicable Legal and other Requirements.

NOTE: information in this technical data sheet is to the best of our knowledge true and accurate. However, such conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

Warranty

The above information is furnished based on the data generated at our works for the benefit of making proper selection of resin. No liability is accepted on the information provided.



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