

TECHNICAL DATA SHEET
PremARC® Aliphatic 80 Urethane Binder

Description

PremARC® Aliphatic 80 is a single component solvent free, aliphatic moisture cured polyurethane pre polymer which exhibit excellent binding characteristics, hydrolytic stability, UV stability, and adhesive properties. PremARC® Aliphatic 80 are designed for use as a binder when mixed with rubber granules in the production of resilient pervious systems.

Applications

Coverage/Usage

PremARC® Aliphatic 80 is ready for use as supplied and should be mixed thoroughly with the dry rubber granules prior to application. PremARC® Aliphatic 80 can be applied with specially designed paving machines or hand trowels in order to maintain a uniform, level surface. The cure time varies with temperature and humidity. High temperatures and high humidity will decrease cure times while low temperatures and low humidity will increase it.

UV Stability

Laboratory and field testing are strongly recommended

STORAGE

Keep material sealed until ready for use to prevent atmospheric moisture from contaminating material. Store material at temperatures between 50-104°F (10-40°C) in a dry well ventilated area. Material has a minimum shelf life of 12 months after the date of manufacture, if stored properly.

Precaution

Prior to application, the user *must* read and become familiar with the risks and hazards associated with the use of this product. Adherence to and observation of proper safety techniques cannot be overemphasized.

Please read the SDS carefully before use.

PROPERTIES

	Imperial	Metric
Solids (by Volume)	100%	100%
VOC (supplied)	0 lbs./gal	0 g/L
Density @ 25°C	~8.95 lbs./gal	~1.03 g/cm ³
Flash Point	370°F (Pensky Martens)	187°C
Viscosity	~ 3,400 cps (74°F)	~ 3,400 cps (23°F)
Packaging	Totes (2,300 lbs)	Totes (1000 kg)
	Drums (450lbs)	Drums (204 kg)
	Pails (43 lbs)	Pails (19.5 kg)

Handling

Wear proper protective equipment at all times. Avoid contact with skin and eyes. In the event of eye contact, flush eyes thoroughly with water and seek medical attention. Consult SDS before handling and observe all recommended safety and handling practices. Pressure can build up in new and previously opened containers, open all containers carefully. Protect open containers from moisture. Dispose of contaminated materials and empty containers in accordance with Federal, State, and Local regulations.

Customer Notice

ARC encourages its customers to review their application of ARC products from the standpoint of human health and environmental quality. To help ensure that ARC products are not used in ways for which they were not intended or tested, ARC personnel will assist customers in dealing with ecological and products safety.

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