



TECHNICAL DATA SHEET
PremARC® Ready to Use Maintenance Gel Urethane Binder

Description

PremARC® Ready to Use Maintenance Gel Urethane Binder is a moisture-curing, one-component, polyurethane varnish that is designed for the refurbishment of elastic safety surfaces. *It is UV-stable* and displays no discoloration over time. As with any product, the use of PremARC® Ready to Use Maintenance Gel must be tested by the user in advance to a large scale application (laboratory and field testing are strongly recommended) to determine the suitability of the product for the specific application.

Applications

Coverage/Usage

Due to the low viscosity of this product, PremARC® Ready to Use Maintenance Gel can be applied with a roller or sprayed onto the surface. It is recommended that the product be applied in one coat to allow the material to penetrate the substrate to its fullest extent. The product must be stirred prior to each use. Curing takes place at ambient temperature by reaction with atmospheric moisture. Higher temperatures, moisture and the addition of accelerators will shorten the cure time. An ambient humidity of 40 – 80% is recommended for appropriate cure. Relative humidity below 40% may extend the cure profile and may necessitate the addition of water and/or accelerator.

UV Stability

Laboratory and field testing are strongly recommended

STORAGE

Binder must be protected against humidity and stored above 50°F. The ideal storage temperature is in the range of 59-77°F. Higher storage temperatures over a longer period of time can shorten the shelf life. At ideal storage conditions, the material can be stored for six months in the original unopened packaging. Opened drums or totes should be used quickly.

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

Specific Gravity:	DIN 53217	g/cm ³	1.07
Density:	DIN 53217	Lbs/gal	8.93
Viscosity:	DIN 53017/1+2	mPa-s	1500
System type	Aliphatic Polyurethane Varnish		
Appearance:	Clear		
Cure Type:	Moisture Cure		
Solids by Weight:	100%		
Solids by Volume	100%		

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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