



TECHNICAL DATA SHEET PremARC™ 1C Spray Urethane

Description

PremARC™ 1C Spray Urethane is a one component, elastomeric aromatic polyurethane coating, which offers good color retention for athletic surfacing use. This product is used in application where adhesion, abrasion resistance, and flexibility are critical. PremARC™ 1C Spray Urethane exhibits excellent adhesion to a variety of substrates. This elastomer is designed to be mixed with EPDM or TPV rubber and spray applied for use as a textured wear layer.

Application Guidelines

Coverage/Use

PremARC™ 1C Spray Urethane should be applied with only specifically designed spray equipment for surfacing applications. The surface to be coated must be clean, dry and free of oil, grease, dirt and any foreign residue. PremARC™ 1C Spray Urethane and EPDM rubber must be power mixed thoroughly prior to application. PremARC™ 1C Spray Urethane may be thinned with approved solvent in order to achieve desired spray texture. The cure time varies with temperature and humidity.

UV Stability

As with any urethane based on aromatic isocyanates, this product is not UV stable and may show discoloration after exposure to direct sunlight. This effect is magnified when using urethanes of vibrant color's or when used in tandem with rubber granules of lighter or more vibrant shades. Mechanical properties are not impacted. (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 50-80°F in a dry well ventilated area. Ensure that material does not freeze. Material has a minimum shelf life of 12 months after the date of manufacture if properly stored.

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. For any additional information, please consult your American Recycling Center, Inc. sales representative.

Please read the SDS carefully before use

Typical Properties

Solids (by Volume)	100%
VOC (supplied)	0 lbs./gal
Color Availability	Red, Green, Black
Mix Ratio (with EPDM)	Recommend 65% PU / 35% EPDM
Weight per gallon (mixed)	10.0 lbs/gal
Abrasion Resistance	20mg (C501 wheel, 1 kg, 1000 cycles)
Application Surface Temp.	45°F –120°F (7°C-48°C)

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. Your ARC sales representative can arrange the proper contacts.

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NOTICE: The information and data contained herein do not constitute sales specifications. The product properties may be changed without notice. No liability, warranty or guarantee of product performance is created by this document. It is the Buyer's responsibility to determine whether ARC products are appropriate for Buyer's use and to ensure that Buyer's workplace and disposal practices are in compliance with applicable laws and regulations. No freedom from any patents owned by ARC or other industrial or intellectual property rights is granted or to be inferred.



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