



The Chemical Company

PRODUCT DATA

9 09 67 23 **Resinous
Flooring**

DEGADUR® 523

Industrial strength methyl-methacrylate topcoat resin for pigmented flooring systems

Description

DEGADUR® 523 is a methyl-methacrylate topcoat resin for use within the SRS DEGADUR® flooring systems. DEGADUR® 523 is a solvent free, 2-component, 100% reactive resin that is ideal for roller applied coatings and pigmented flooring systems. DEGADUR® 523 is a medium viscosity resin that is ideal for use as a pigmented topcoat that can be applied in a single application. DEGADUR® 523 is colorless, so the DEGADUR® Pigment will be necessary for pigmented flooring systems. DEGADUR® 523 can also be used as a topcoat for decorative systems requiring a clear topcoat.

Yield

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate. Please refer to individual flooring system data sheets for coverage rate information.

Packaging

50 gallon drum

Color

Transparent

See Performance Flooring Color Chart for pigment color offerings.

Features

- Fully cures in one hour
- Superior chemical resistance
- High viscosity resin
- Can be applied at 30° F (-3.6° C)

Shelf Life

2 years when properly stored

Storage

Keep stored in cool, dry environment, and out of direct sunlight.

Where to Use

APPLICATION

- Used as a topcoat within the following SRS DEGADUR® flooring systems:
 - Degaclad™ CP
 - Degaflex™ CP

Please refer to individual flooring system data sheets for application instructions.

Every SRS DEGADUR® flooring system is a multiple component system that utilizes a methyl-methacrylate (MMA) resin. It is critical that the instructions listed in the Material Safety Data Sheet and on the product label for every component of the system be read, understood and followed. MMA resins are flammable liquids in their uncured state. Smoking, open flames or sparks should not be permitted during the handling of the product. Explosion safe ventilation must be used during the application to minimize vapor collection in the installation area and to improve overall air quality for the crew. All foodstuffs must be removed during installation of the flooring system.

Benefits

- Reduction in downtime and rapid return to service
- Can withstand exposure to harsh chemicals
- Topcoat that can be applied in a single application
- Can perform installations in cooler temperatures

Health, Safety and Environmental

Read, understand and follow Material Safety Data Sheets and product labels for all components of this flooring system prior to use. The MSDS can be obtained by searching for them on www.BuildingSystems.BASF.com, e-mailing your request to basfbcsct@basf.com or calling 800/433-9517. Use only as directed.

Test Data

PROPERTY	RESULTS	TEST METHODS
Percentage Reactive Resin	100%	
Percentage Solids	100%	
Water Absorption, (%/24 hours)	0.05	ASTM D570
Hardness (Shore D)	80	ASTM D2240
Viscosity	300 – 400 cps	ASTM D2393
Taber Abrasion Resistance (mg. Loss, 1000 cycles, CS17 Wheel)	74	ASTM D4060

Please refer to BASF Performance Flooring Chemical Resistance Chart for further information.

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DEGADUR® = trademark of Evonik Röhm GmbH, Darmstadt / Germany

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