



The Chemical Company

Technical Data Guide

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Resinous
Flooring

MasterTop® SRS 40TC

Multi-purpose, flexible methyl-methacrylate resin
for use as a primer, overlay or topcoat

FORMERLY SRS DEGADUR® 410

PACKAGING

4.5 Gallon (17 L) Pail
53.5 Gallon (202.5 L) Drum Color

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.

COLOR

Clear - See Performance Flooring Color Guide for pigment color offerings.

SHELF LIFE

2 years when properly stored

STORAGE

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

VOC CONTENT

0 g/L less water and exempt solvents

DESCRIPTION

MasterTop SRS 40TC is a methyl-methacrylate (MMA) resin for use within the MasterTop SRS flooring systems. MasterTop SRS 40TC is a solvent free, 2-component, 100% reactive resin that can be utilized as a primer, overlay or topcoat within a flooring system. MasterTop SRS 102AP promoter can be utilized with the MasterTop SRS 40TC as a suitable primer for metal substrate applications. MasterTop SRS 40TC can also be mixed with the MasterTop F 100SL to create a self-leveling formulation that reduces application time. MasterTop SRS 40TC is a transparent resin that can be pigmented using the MasterTop PGM 155.

PRODUCT HIGHLIGHTS

- Fully cures in one hour with proper application, reducing downtime for a quick return to service
- Flexible resin is ideal for areas encountering temperature changes
- NSF registered for incidental food contact (R2)
- Can be applied at -20° F (-29° C) to meet a wide range of application and timing requirements
- Primes to metal substrates when used with MasterTop SRS 102AP
- Please refer to individual flooring system data sheets for application instructions.
- Every MasterTop SRS flooring system is a multiple component system that utilizes a methyl-methacrylate (MMA) resin. It is critical that the instructions listed in the 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.

APPLICATIONS

- Used as a primer within the following MasterTop SRS flooring systems:
 - Metal substrates using the HP Bond Promoter
- Used as an overlay within the following MasterTop SRS flooring systems:
 - MasterTop 1841 SRS CF
 - MasterTop 1843 SRS CQ
 - MasterTop 1845 SRS CP
 - MasterTop 1851 SRS CF
- Used as a topcoat within the following MasterTop SRS flooring systems:
 - MasterTop 1823 SRS CQ

Technical Data

Composition

MasterSeal 581 contains cement, graded sand, and proprietary additives.

Test Data

PROPERTY	RESULTS	TEST METHOD
Percentage Reactive Resin, %	100	Lab Method
Percentage Solids, %	100	
Water Absorption, (% / 24 hours)	< 0.1%	ASTM D570
Tensile Strength, psi (MPa)	1,350 (9.3)	ASTM D638
Elongation @ Break	140	ASTM D638
Hardness, (Shore D)	61	ASTM D2240
Viscosity, cps	450 – 550	ASTM D2393

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.basf.us, e-mailing your request to basfbcst@basf.com or calling 1(800)433-9517. Use only as directed.

For medical emergencies only, call ChemTrec® 1(800)424-9300.

LIMITED WARRANTY NOTICE

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