

SC2000-CM Coring/Bonding Agent

Description: **SC2000-CM Coring Bonding Agent** is a sprayable syntactic polyester system developed for compression molding. It can also be injected into an empty closed mold cavity to make preform cores. MEKP Catalyst is not included.

Item Number 10981 2000 CM drum unlined

FEATURES & BENEFITS

- Greatly reduces the transfer of fiberglass pattern of the laminates
- Offers a consistent and void free application with reliable thickness control
- Improves Impact resistance
- Lower finishing and labor costs
- Increase production throughput with a quicker cure time

TYPICAL MATERIAL PROPERTIES

| Appearance | Packaging | Application Method | Approximate Coverage |
|-------------------|----------------------------------|-------------------------|-------------------------------|
| Off-White | Drum | Sprayable Injectable | 1550 sq ft/gal/mil |
| Mix Ratio | Preferred red dyed Catalyst | Gel Time, min. | Gel to Peak Range, min. |
| 1.7 – 2.25 % MEKP | DHD-9 MEKP-900 DDM-9 | 20 - 30 | 20 - 30 |
| Styrene | Peak Exo. Temp. (100 gm) °F / °C | Density Range, lb/gal | Viscosity Range, cP |
| 28% | >220F / 104C | 4.80 – 5.20 | 18,000 – 22,000 (HB#4@20 rpm) |

All properties are measured at 77°F / 25°C

SprayCore[®]

ITW Performance Polymers
30 Endicott Street Danvers, MA 01923
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EFFECT OF TEMPERATURE:

Application at temperatures between 65°F (18°C) and 95°F (35°C) will ensure proper cure, ideally above 75°F. Temperatures below 65°F (18°C) or above 95°F (35°C) will slow down or increase cure rate significantly. To ensure consistent dispensing between equipment, resin and catalyst, temperatures should be held reasonably constant throughout the year. Resin in cured state behaves differently at elevated and low temperatures. See ITW Performance Polymers for specific values.

STORAGE AND SHELF LIFE:

Expected Shelf life of 3 months, where shelf life is based on continuous storage between 54°F (12°C) and 95°F (35°C). Prolonged exposure above 95°F (35°C) quickly diminishes the reactivity of the product and should be avoided.

PRODUCT USE:

Many factors beyond ITWPP's control and uniquely within user's knowledge and control can affect the use and performance of an ITWPP product in an application. Given the variety of factors that can affect the use and performance of our products, the user is solely responsible for evaluating the ITWPP product and determining whether it is fit for a particular purpose and suitable for the user's method of application. ITWPP recommends the User review all Safety Data Sheets, Technical Data Sheets and ITWPP's warranty and limited liabilities prior to use. These can be found at www.itwpp.com

Notes

1. **ITW PP strongly recommends that all substrates be tested with the selected laminate in the anticipated service conditions to determine suitability.**
2. **Industrial Use Only**

DISCLAIMERS:

TECHNICAL INFORMATION: The technical information in, recommendations and other statements contained in this document are based upon good faith tests or experience that ITWPP believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information provided is not intended to substitute for the customers own testing.

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