



# Technical Data Sheet

## CrystalCoat™ Glass Primer

### Thermal Cure Primer

#### DESCRIPTION

CrystalCoat™ Glass Primer is an air or dry or thermal cure primer designed to provide an adhesion layer for application to glass substrates.

#### FEATURES

- Optical Clarity
- Suitable for dip, spin, or spray application
- Solvent-Based Formulation

#### SOLUTION PROPERTIES

PROPERTY	TYPICAL VALUES
% Solids	1%
pH	3-4

#### RECOMMENDED OPERATING GUIDELINES - SPIN

PROCESS	TYPICAL VALUES
Wash	Soap and Water
Application Speed*	800 rpm for 2 seconds
Spin Out Speed	2000 rpm for 45 seconds
Cure	50°C (122°F) for 5 minutes or hot air drying.

\*Spin speeds and times can vary depending on equipment utilized. These parameters are meant as a guideline. In addition to spin, the primer may be applied by dip or spray application.

#### STORAGE AND USE

The recommended storage temperature for CrystalCoat Glass Primer is 4°C (39.2°F) in a refrigerator in closed, properly labeled containers. When stored at this temperature in the original closed container, it is recommended to use CrystalCoat Glass Primer within 12 months of the date of manufacture. CrystalCoat Glass Primer is flammable and should be stored away from potential ignition sources. Keep away from heat, sparks and flame. Close container after each use. Drums should be grounded while dispensing. Use only with adequate ventilation. Refer to SDS for additional information.



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## CONTACT INFORMATION

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## EQUIPMENT PREPARATION

**Equipment Cleaning:** Coating equipment should be cleaned prior to use of CrystalCoat Glass Primer in order to avoid any possible contamination problems. The cleaning process should include multiple solvent rinses (utilizing a solvent compatible with the material in prior use with the equipment) followed by a thorough rinse with acetone or 1-Methoxy-2-propanol (PM). Acetone or PM should also be used for cleaning equipment after the use of Glass Primer. It is important to be sure all solvent has been completely removed/dried from coating bowl, tubing, and pump before adding primer.

**Equipment Materials:** All equipment surfaces that are exposed to CrystalCoat Glass Primer should be constructed of stainless steel, polypropylene or Teflon®. Other materials should be tested for compatibility with CrystalCoat Glass Primer prior to use. Materials made with polyvinyl chloride (PVC) should not be used under any circumstances.

## APPLICATION ENVIRONMENT

CrystalCoat Glass Primer should be applied in a clean temperature and humidity controlled environment. Recommended conditions for application are 18 – 25°C (64 - 77°F) and 30 – 55% relative humidity. Coating machine should be equipped with hepa air filter. It is recommended to place coating machine in a clean environment.

## HEALTH & SAFETY INFORMATION

Before using this product, read and understand the Safety Data Sheet, SDS, which provides information on health, physical, and environmental hazards, handling precautions and first aid recommendations. For a copy of an SDS, contact a sales or customer service representative.

## WARRANTY & LIABILITY LIMITATIONS

Information contained herein is accurate to the best of our knowledge. The primer solution properties and cured coating properties listed herein represent typical values for CrystalCoat Glass Primer and are not meant as specifications. SDC Technologies, Inc. insists that users conduct their own tests for applicability and fitness for any purpose. Statements concerning use of products or formulations described herein shall not be construed as a warranty or license to infringe any patent or trademark, and no liability for infringement arising out of such use is assumed. Please refer to SDC Technologies Standard Terms and Conditions or to your Purchase Agreement with SDC for the warranty coverage of SDC's product.

## PRODUCT SHIPPING & AVAILABILITY

Typical lead-time for shipment of CrystalCoat Glass Primer is four (4) weeks from confirmation of a purchase order. SDC provides several shipping options. Please contact an SDC representative to determine which option best fits your needs. All orders are shipped ex works/F.O.B. Additional shipment charges including customs clearance and fees (if applicable) are the responsibility of the customer.

