

CrystalChrome® ST

Activator for CrystalChrome Photochromic System

SOLUTION PROPERTIES

PROPERTY	TYPICAL VALUES
Solids	4.0 - 7.0 %
Viscosity @ 25°C	2 - 4 cPs

INSTRUCTIONS FOR USE

CrystalChrome ST can be used either off-line or in-line to treat substrates prior to coating with CrystalChrome Photochromic system.

Off-line: Parts should be immersed in CrystalChrome ST for 5 - 10mins @ 60°C with ultrasonics. They can then be processed through an in-line cleaning cycle* prior to coating.

In-line: Parts should be immersed in CrystalChrome ST for 5 - 10mins @ 60°C with ultrasonics. This treatment step can be performed either before or after a caustic clean* stage within the line cleaning cycle prior to coating.

SOLUTION MANAGEMENT

CrystalChrome ST is supplied ready to use and for optimum performance should be maintained in a % solids range of 4 - 7 %. Higher or lower solids may cause incomplete or overtreated substrates resulting in adhesion failure. Solids should be measured on a regular basis and adjusted as required with deionized water and/or CrystalChrome ST.

HEALTH AND 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 AND LIABILITY LIMITATIONS

Information contained herein is accurate to the best of our knowledge. The solution properties listed herein represent typical values for CrystalChrome ST 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 AND AVAILABILITY

Typical lead-time for shipment of CrystalChrome ST 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.

STORAGE AND USE

Recommended storage temperature for CrystalChrome ST is 20 - 25°C. When stored at this temperature it is recommended to use within six (6) months of the date received.

ISO 9001:2015 and ISO 14001:2015 Certified



CrystalChrome® ST is a surface activator designed to promote adhesion of CrystalChrome Photochromic system to bare cast resin substrates and factory hard coated lenses.

SDC TECHNOLOGIES CONTACT INFORMATION

Corporate Headquarters - USA
800-272-7681 (Toll-Free USA)
+1-714-939-8300
technicalsupport.ca@sdctech.com

Europe Office
+44-1633-627030
technicalsupport.eu@sdctech.com

China Office
+86-21-61517768
customer-care.cn@sdctech.com

Singapore Office
+65-6210-6355
customer-care.ap@sdctech.com



sdctech.com

CrystalChrome® is a registered trademark of SDC Technologies.

©2025 SDC Technologies, Inc. All rights reserved. SDC Technologies is a wholly-owned subsidiary of Mitsui Chemicals, Inc

180912_ST