



CrystalCoat®

MP-2020B

PREMIUM ABRASION RESISTANCE

- Ophthalmic & Sunglass Eyewear
- Goggles & Vision Protection Devices
- Safety, Sports & Military Eyewear

High Performance Chemistry

Founded in 1986, SDC Technologies, Inc. (SDC) is the recognized global leader in the manufacturing and distribution of premium proprietary abrasion resistant coatings. Leveraging the science of Sol-Gel Chemistry has led to the development of new technologies that transform the performance of coating. SDC's innovative coating solutions combine superior scratch resistance with exceptional product stability.

Proven Industry Reputation

With more than 39 years of product innovation, SDC's proprietary technologies are trusted by the world's most prestigious brands. CrystalCoat coatings were designed to elevate your brand by enhancing the durability and quality of your products. SDC is certified to ISO 9001:2015 (Quality) and ISO 14001:2015 (Environmental) standards.

Patented Technology

CrystalCoat® MP-2020B delivers improved adhesion to polycarbonate, Trivex® and cast resins, and best-in-class abrasion resistance. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, MP-2020B is a multi-purpose, thermal cure coating suitable for dip coat applications. MP-2020B cures at a low temperature and offers excellent resistance to ink ghosting.

SDC's optically clear coatings are formulated to maximize the performance and durability of eyewear. These revolutionary multi-purpose coatings are highly versatile, and can easily be integrated into your coating operations, requiring no premixing. CrystalCoat's easy to use single coat application, and long service life eliminates the need for frequent tank changes outs, delivering outstanding value.



CrystalCoat® MP-2020B

PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip, Spin or Spray Coat Application
- Cures at a Low Temperature
- Premium Bayer Ratio results ranging from 5-7

PERFORMANCE FEATURES

- Delivers best-in-class abrasion and ink ghosting resistance
- Excellent product durability and stability
- Easy to use single coat system, meets demanding industry test requirements
- Exceptional adhesion to CR-39®, RAV 7™, PC, and Trivex® substrates

PRODUCTION BENEFITS

- Manufactured under stringent ISO 2001:2015 quality standards, enhancing coating performance
- Long product service life reduces the need for frequent tank change-outs
- CrystalCoat streamlines manufacturing, enhancing yields and profitability
- Access to SDC's global technical support team for your product validation and application requirements

PRODUCT FEATURES

Description	Typical Values
Abrasion Resistance	Excellent
Refractive Index	1.49
% Solids	17-19



SDC TECHNOLOGIES, INC. – USA
Corporate Headquarters, North America
T: +1-714-939-8300
F: +1-714-939-8330
customerca@sdctech.com

SDC TECHNOLOGIES – CHINA
China Office
T: +86-21-61517768
F: +86-21-61304925
customerchina@sdctech.com

SDC TECHNOLOGIES – EU
Europe Office
T: +44-1633-627030
customerca@sdctech.com

SDC TECHNOLOGIES ASIA PACIFIC, PTE. LTD.
Singapore Office
T: +65-6210-6355
F: +65-6863-3565
customerap@sdctech.com

FOR DISTRIBUTORS
visit sdctech.com

SDC High Performance Chemistry™
Technologies sdctech.com

CrystalCoat® is a registered trademark, and High Performance Chemistry™ is a trademark of SDC Technologies, Inc. CR-39® and Trivex® are registered trademarks of PPG. RAV 7™ is a trademark of Mitsui Chemicals, Inc. ©2025 SDC Technologies, Inc. All rights reserved. SDC is a wholly-owned subsidiary of Mitsui Chemicals, Inc.

