



## CrystalCoat®

### MP-7110

PREMIUM ABRASION RESISTANCE

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

#### High Performance Chemistry

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 continuous product innovation since 1986, 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-7110 delivers improved adhesion to multiple substrates, 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-7110 is a multi-purpose, thermal cure coating suitable for dip or spin coat applications.

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.

**SDC**  
Technologies

# CrystalCoat® MP-7110

## PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip and Spin Coat Application
- Primer & Primerless Options Available
- Premium Bayer Ratio results ranging from 4-6

## PERFORMANCE FEATURES

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



## PRODUCT FEATURES

Description	Typical Values
Bayer Ratio	4-6
Refractive Index	1.49
% Solids	21-24

## PRODUCTION BENEFITS

- Manufactured under stringent ISO 9001:2015 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

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