



## CrystalCoat®

### PR-840 Multi-Purpose Primer

PREMIUM ADHESION & IMPACT RESISTANCE

- **Ophthalmic, Safety & Sun Eyewear**
- **Goggles & Vision Protection Devices**
- **Automotive & Electronics**

#### 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 and primers combine superior scratch resistance with exceptional adhesion and 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® PR-840 delivers improved adhesion to polycarbonate substrates, and best-in-class impact resistance. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, PR-840 multi-purpose primer is suitable for dip or spin coat applications. PR-840 used with SDC coatings, also improves tintability, abrasion and chemical resistance.

SDC's optically clear coatings and primers 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 products and long service life eliminate the need for frequent tank changes outs, delivering outstanding value.



## CrystalCoat® PR-840

### PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip and Spin Coat Application
- Enhanced Tintability
- Adhesion Promoter for Polycarbonate

### PERFORMANCE FEATURES

- Delivers best-in-class impact resistance
- Excellent product durability and stability
- Improves tintability, abrasion and chemical resistance
- Exceptional adhesion to polycarbonate

### 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

### PRODUCT FEATURES

| Description      | Typical Values |
|------------------|----------------|
| Tintability      | Excellent      |
| Refractive Index | 1.53           |
| % Solids         | 9 - 11         |



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