

## **CrystalCoat<sup>®</sup>** **C-415 for High-Index**

PREMIUM ABRASION & CHEMICAL RESISTANCE

### **Ophthalmic Lens**

#### **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 and chemical resistance with exceptional product stability.

#### **Proven Industry Reputation**

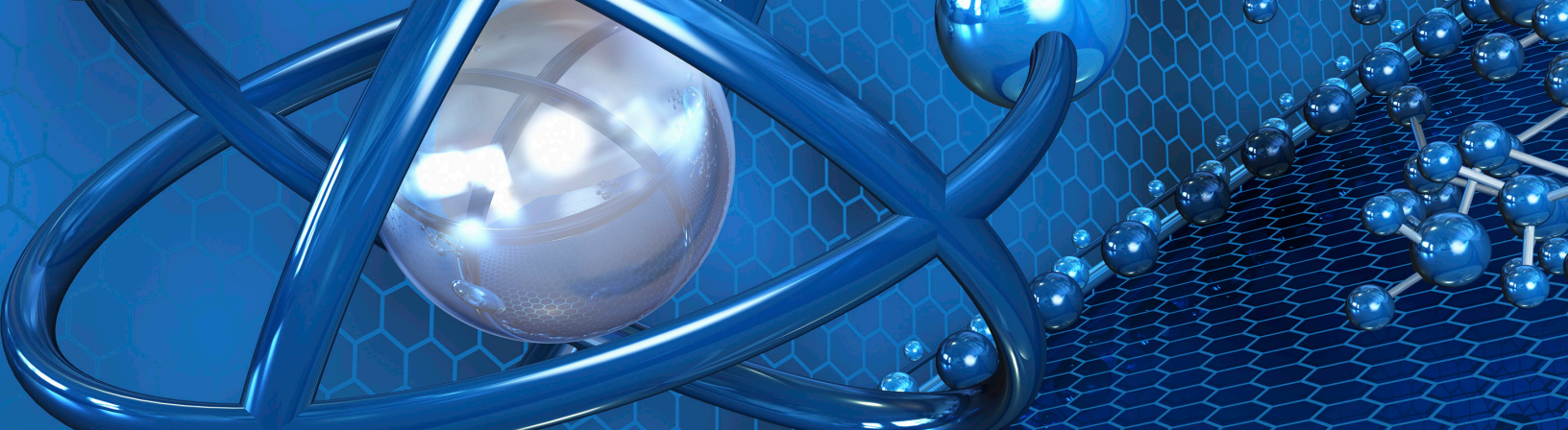
With continuous product innovation since 1986, SDC's proprietary technologies are trusted by the world's most prestigious brands. CrystalCoat coatings were designed to elevate your brand by enhancing the durability and quality of your products. SDC is certified to ISO 9001:2015 (Quality) and ISO 14001:2015 (Environmental) standards.

#### **Patented Technology**

CrystalCoat<sup>®</sup> C-415 delivers best-in-class abrasion resistance, and has a refractive index of 1.60. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and durability are required. Capable of meeting your dynamic production needs, C-415 is a thermal cure coating compatible with anti-reflective (A/R) lens treatments, and suitable for dip and spin coat applications on etched cast resins.

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® C-415

### PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip and Spin Coat Application
- Compatible with A/R Coatings
- Refractive Index of 1.60

### 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 high-index lenses

### 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
Abrasion Resistance	Excellent
Refractive Index	1.60
% Solids	29 –31



**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  
customerca@sdctech.com

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

**SDC TECHNOLOGIES ASIA PACIFIC, PTE. LTD.**  
Singapore Office  
T: +65-6210-6355  
F: +65-6863-3536  
customerca@sdctech.com

**FOR DISTRIBUTORS**  
visit [sdctech.com](http://sdctech.com)

**SDC** High Performance Chemistry™  
Technologies [sdctech.com](http://sdctech.com)

CrystalCoat® is a registered trademark, and High Performance Chemistry™ is a trademark of SDC Technologies, Inc.  
©2025 SDC Technologies, Inc. All rights reserved. SDC is a wholly-owned subsidiary of Mitsui Chemicals, Inc.

