CrystalCoat®

sdc Technologies

UV-CURE, SOLVENT-BASED, NON-TINTABLE OPHTHALMIC LINE CARD

APPLICATION	OPHTHALMIC				
Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
CrystalCoat® UV MP-2600	Abrasion resistant UV cured hardcoat. Thermal post-cure required to reach full abrasion resistance. Primer-free adhesion to polycarbonate. Strippable in caustic solution.	Spin	Polycarbonate	UV	Abrasion/Scratch Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments, 1.49 Refractive Index
CrystalCoat UV MS-HR800	For use in Satisloh Maga-Spin, UV cure hardcoat for ophthalmic lenses or other plastic parts.	Spin	ADC (CR-39®, RAV 7®), Trivex®, Mid-Index Acrylic, 1.60 (MR-8™), 1.67 (M-R7™, MR-10™), and 1.74 (MR-174™)	UV	Abrasion, Scratch & Chemical Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments
CrystalCoat UV MS-HR853	For use in Satisloh Maga-Spin, compatible with SP-200 sputter coating machine. UV cure hardcoat for ophthalmic lenses or other plastic parts.	Spin	ADC (CR-39®, RAV 7®), Trivex®, Mid-Index Acrylic, 1.60 (MR-8™), 1.67 (M-R7™, MR-10™), and 1.74 (MR-174™)	UV	Abrasion, Scratch & Chemical Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments
CrystalCoat UV MS-P601	For use in Satisloh Maga-Spin, Up-cure hardcoat for ophthalmic lenses or other plastic parts.	Spin	Acrylic, Polycarbonate	UV	Abrasion, Scratch & Chemical Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments
CrystalCoat UV MS-U900	For use in Satisloh Maga-Spin, compatible with SP-200 sputter coating machine. UV-Cure hardcoat for ophthalmic lenses or other plastic parts.	Spin	ADC (CR-39®, RAV 7®), Trivex®, Mid-Index Acrylic, 1.60 (MR-8™), 1.67 (M-R7™, MR-10™), and 1.74 (MR-174™)	UV	Abrasion, Scratch & Chemical Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments

Mitsui Chemicals Group

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Product	**Description**	**Coating Method**	**Substrate**	**Cure**	**Features**
CrystalCoat UV SHC 174	Solvent-based, UV-cure hardcoat for ophthalmic lenses and a variety of plastic substrates.	Spin	High-Index (RI 1.60—1.74),		Abrasion, Scratch & Chemical Resistant, Compatible with Anti-Reflective Coatings, Mirror & Metalizing Treatments
CrystalCoat UV SHC 177	Solvent-based, UV-cure hardcoat specially formulated for application on bifocal ophthalmic lenses. Excellent cosmetics on bifocal segment.	Spin	CR-39 and Mid-Index lenses		Abrasion, Scratch & Chemical Resistant.

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