

CS401 Acrylic Color Tint

Color Tint for Solvent Based Acrylic Sealers

Product Description

CS401 Color Tint is a high solids, concentrated, solvent based acrylic tint system specially formulated for adding to clear solvent based acrylic sealers for achieving a desired color for the sealer. CS401 is formulated with high quality, ultra fine particle pigments that easily disperse in solvent based acrylic sealers. CS401 is a superior choice to obtain a semi transparent stain or a solid opaque colored finish in most solvent based acrylic sealer systems. CS401 is a very economical and user friendly alternative to other color and staining systems on the market. Color tints are available in a selection of 14 colors.

Recommended Uses

CS401 was originally developed for commercial and industrial applications and is widely used throughout North America to this day for those applications. Concrete Sealers USA is now also making this professional grade color tint available to the residential market so small contractors, applicators, and do-it-yourselfers can enjoy the same superior benefits that architects, engineers, and large contractors have enjoyed for years. CS401 is recommended for use with clear solvent based acrylic sealers. It is ideal for adding color to commercial and residential surfaces such as interior concrete floors, garages, driveways, sidewalks, walkways, porches, steps, pool decking, patios, and any other concrete surface where a colored sealer is desired.

Product Characteristics

SDS Information / Physical and Chemical Properties

Boiling Point:	252° F	Solids:	N/A
Vapor Pressure:	N/A	Blush Resistance:	Good
Solubility in Water:	No	Solvent Resistance:	Minimal
Evaporation Rate:	N/A	Concrete Adhesion:	Excellent
Appearance and Odor:	Colored w/ Solvent Odor	Finish:	Colored/ High Gloss
Specific Gravity:	N/A	Drying Time**:	Dry to touch 1-2 hours; foot traffic 4-6 hours; wheel traffic 24-48 hours
% Volatile by Volume:	N/A	Re-Coat Time:	4-6 hours
pH:	N/A	Shelf Life:	1 year unopened
Flashpoint:	98° F		
Flammable Limits:	Lower Limit: 1; Upper Limit: 13		

Coverage Rates*: Mix up to 16 oz. of tint with 5 gallons of solvent based acrylic sealer for semi transparent appearance.
Mix 32 oz. with 5 gallons of solvent based acrylic sealer for solid opaque appearance.

*Usage rates are approximate and for estimating purposes only. Application rate based upon sealer composition, surface texture, porosity, absorption, and desired look. Always test to ensure desired results are achieved.

**Drying times are for estimating purposes only. Actual drying time is based upon temperature, humidity, and air flow.

Performance Characteristics

Dried coating is USDA accepted.

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Color

CS401 has a colored appearance. Upon proper application, the substrate will have a colored appearance with a high gloss. Color tints are available in a selection of 14 colors.

Ordering & Shipping Information

Packaging: 32 oz. Container
Shipping: Normal package delivery and trucking

Surface Preparation

Follow instructions from the manufacturer of the coating or sealer.

Application

Always test in small area prior to full application. Stir CS401 into solvent based acrylic sealer thoroughly before and during application. For a semi transparent appearance, mix up to 16 oz. of CS401 into 5 gallons of sealer. For a solid opaque appearance, mix 32 oz. of CS401 into 5 gallons of sealer. Actual usage rates may vary for different sealers and substrates depending on porosity, absorption, surface texture, and desired appearance. Do not add more than the recommended amount of color tint to the sealer. Excess tint can cause over pigmenting which may result in color float or streaking. Follow instructions from the sealing manufacturer on the proper application of the sealer once the color tint is mixed into the sealer.

Limitations

CS401 is designed to work only with solvent based acrylic sealers and is not intended for water based acrylic sealers or other water or solvent based topical coatings like epoxies, urethanes, etc. This product may damage vegetation. Avoid contact with glass, vinyl, plastic, wood, and metal. Color tint may be damaged if frozen prior to use. Not intended to seal cracks or for use where severe hydrostatic pressure is present. The coefficient of friction of the surface may decline with each sealer application. This can be offset by applying an anti skid compound (ex. sand) when sealer is still wet and prior to it drying. Certain tile adhesives may not bind to CS401. Always conduct test to confirm adhesion. The Company does not warranty specific performance results or compatibility with products manufactured by others. The Company shall bear no liability, other than replacement of defective product. A small test must be conducted prior to application. Based upon this test, the purchaser shall determine for themselves the suitability of this product for the intended use.

Environmental & Regulatory

CS401 contains petroleum distillates and is flammable. This product is considered a hazardous chemical under OSHA Hazard Communication Standard (29CFR 1910.1200). Keep away from heat, sparks, and open flames. Keep containers closed until ready to use. Provide adequate ventilation. To prevent vapor build up and possible explosion, open door and windows and provide cross ventilation. Do not smoke when using. Solvent vapors can cause respiratory irritation. Contact may cause skin or eye irritation. Using with adequate air ventilation, eye protection, and gloves is recommended. Do not reuse container without commercial cleaning. Dispose of in accordance with applicable federal, state, and local regulations.

Safety & First Aid Precautions

Eyes: Flush with water for at least 15 minutes.
Skin: Wash thoroughly with soap and water.
Inhalation: Move subject to fresh air.
Digestion: Consult physician immediately.