



CRYSTAL CLEAR VOC

PRODUCT NAME

CRYSTAL CLEAR VOC

MANUFACTURER & DISTRIBUTOR
OF INDUSTRIAL CHEMICALS
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PRODUCT DESCRIPTION

CRYSTAL CLEAR VOC is a low VOC (<350 g/L), solvent-based concrete sealer formulated with exempt solvents and crystal clear acrylic resins for use in regions with strict VOC limitations. States with such restrictions include all member states of the Ozone Transport Commission (OTC): CONNECTICUT DELAWARE DISTRICT OF COLUMBIA MAINE MARYLAND MASSACHUSETTS NEW HAMPSHIRE NEW JERSEY NEW YORK PENNSYLVANIA RHODE ISLAND VERMONT VIRGINIA and CALIFORNIA.

CRYSTAL CLEAR VOC is resistant to salt-spray, acids, alkali, water, ultraviolet rays, and wet and dry abrasion. Highly recommended for exterior use.

ALTERNATE USES

- a. Stamped Concrete Coating
- b. Kool Deck
- c. Tennis Courts (Concrete Only)
- d. Shuffleboard Courts
- e. Swimming Pool Coating (highly resistant to water, acids and pH variations).
- f. As a Water Proof, Sun Proof, and a Decorative Top Coating for Masonry Roofs and Walls.

LIMITATIONS

Do not use on wood surfaces. Do not use on areas sensitive to solvent attack. Do not use on wet surfaces.

APPLICATION

Preparation: Concrete must be at least 10 days old. All old paint, oil, and grease must be removed. It is required that most concrete must be etched as a porous surface. Etching should be done with 10 parts water to 1 part Muriatic Acid Solution. Extremely hard or polished concrete may require a second application with a stronger solution. Rinse surface thoroughly with plenty of clean water and let dry completely.

Roller Application: Do not pour **CRYSTAL CLEAR VOC** directly on surface. Apply **CRYSTAL CLEAR VOC** at a rate not to exceed 250 ft² per gallon. Use a roller pan or grid to remove excess sealer. A second coat should be applied after the first coat has completely dried, usually after a minimum of 1-2 hours.

Spray Application: Use an airless sprayer with a medium tip size and very low pressure. If conditions are windy or extremely hot, adjust technique to avoid "dry spraying" the surface. A second coat should be sprayed after the first coat is dry.

Cleanup: Use toluene, xylene, or **INCRETE SOLV-KLEEN** for cleaning tools.

TECHNICAL DATA

VOC <350g/L
Flash Point (tcc) 52 F(11 C)
Wetherometer G23F Type: 2000+hrs.
Moisture Vapor Permeability: 0.001
Hurricane Force Water: No Effect
Abrasion Resistance: 12.5 g. loss
Toukon Hardness: 12 (KHN)
Glass Transition Temperature: 50°C
Coverage: 250ft²/gl
Min. Working Temperature 50°F

MAINTENANCE

High resistance to water, alkali, and abrasion results in a surface that is easily scrubbed with soap/detergent and water on a repeated basis. Rinse after cleaning.

ACID&ALKALI RESISTANCE TEST

Each sample was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed:

Alkali

2% NaOH	Slight Dulling
5% Tide	No Effect
2% Ivory	No Effect

ACID

5% Citric Acid	No Effect
Milk (Lactic Acid)	No Effect
5% HCl	No Effect
5% Phosphoric Acid	No Effect
Mustard	Slight Stain
Ketchup	No Effect

SAFETY PRECAUTIONS

FLAMMABLE: Keep away from heat, sparks, and open flame. Ventilate area, do not let vapors accumulate. Material can be irritating to eyes and skin. In case of contact, flood affected area with water. See a Physician if irritation persists. Avoid prolonged breathing of vapors. Use approved organic vapor mask when TLV is exceeded. **KEEP AWAY FROM CHILDREN.**

PACKAGING

1 gallon, 5 gallon pail, 55 gallon drum

AVAILABILITY AND COST

Available through a large network of paint dealers located throughout the USA. For availability in other areas, contact manufacturer. Cost will vary with location.

TECHNICAL SERVICES

40 years of sealer manufacturing makes **INCRETE** personnel the most knowledgeable in the field of concrete sealers. A highly educated and well-trained technical staff is available. Call or contact (813) 886-8811.

WARRANTY

All recommendations, statements and technical data contained herein based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his use of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person having any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations or statements other than those contained in written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

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