

# CONCRETE STAIN & SUPPLY, LLC

## Technical Data Sheet (TDS) CR-RAC STAIN (ALL COLORS)

\*\*This product may only be used on fully cured concrete. Allow a minimum of 28-45 days of cure time after the concrete is poured to allow ample time for the concrete to completely hydrate.

### Coverage

Amount of square footage stained per gallon varies with the surface texture of the concrete, temperature of the concrete, and ambient conditions. Approximate ranges are as follows.

Non-Diluted - 100 - 200 sq ft per gallon

Diluted 1-1 - 200 - 300 sq ft per gallon

Diluted 2-1 - 300 - 400 sq ft per gallon

Diluted 4-1 - 400 - 500 sq ft per gallon

\*\* Dilute with distilled water only.\*\*

The higher the dilution ratio the lighter the resulting color will be.

Refer to color chart for approximate color.

### Safety

Always use appropriate safety equipment including but not limited to, goggles, face shield, rubber gloves, chemical resistant clothing or apron, and chemical respirator.

### Application Equipment

Equipment that comes in contact with RAC Stain must be constructed of plastic or other non-corrosive material. RAC Stain can be applied using a plastic pump sprayer, mop, brush, rag, or sponge. Wash equipment thoroughly after use with water.

### Surface Preparation

Concrete must be clean and free of all dirt and contaminants. Concrete floors must be open and porous prior to applying RAC Stain. Oil and grease must be removed prior to stain application using CR-580 Degreaser. Paint and sealers must be removed prior to stain application using CR-590 Paint & Sealer Remover.

- **Interior floors** - Required minimum preparation is scrubbing using a floor machine (buffer) with a black pad or sanding screen.
- **Exterior surfaces** - Required minimum preparation is pressure washing.

### Drying / Reaction Time

Allow a minimum of 4 hours drying/reaction time.

### Neutralization

After the full stain reaction has occurred neutralize the concrete by scrubbing the surface with an ammonia and water solution (8oz ammonia in 5 gallons water). A stiff bristle brush or broom should be used to scrub in the neutralizing solution. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.

### Residue Removal

- **Interior floors** - Required minimum residue removal method is scrubbing using a floor machine (buffer) with a nylon bristle brush or white pad. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.
- **Exterior surfaces** - Required minimum residue removal method is pressure washing. Use a wet vacuum to collect residue and waste water. Dispose in accordance with local, state, and federal regulations.

Caution - Residue runoff can stain and discolor unprotected concrete, buildings and landscape features. It may also cross contaminate previously applied colors.

## Sealing

It is strongly recommended that a clear sealer be applied as a top coat for abrasion and UV resistance.

It is recommended that a non-skid / skid reducer be utilized when sealing exterior surfaces.

## Special Considerations

- **Color Change**

The use of CR-607 Olive Mist and CR-608 Azure Sky on concrete which has no vapor barrier underneath (typically exterior concrete slabs) have the risk of partially or completely turning black when excessive amounts of moisture migrate from underneath the slab to the top surface.

- **Color Variances**

Results may vary from color chart due to differing compositions of concrete. Texture of concrete, age and dilution ratio affect final color appearance. Many slab characteristics show through the stain.

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## Warranty

This warranty is made in lieu of all other warranties, either expressed or implied. Before application the User shall determine the suitability of the product for his/her intended use and User assumes all risks and liabilities whatsoever in connection therewith. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The Manufacturer and/or Seller warrants that if any goods supplied prove defective in material the sole obligation shall be to replace said product. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither Manufacturer nor Seller shall assume any liability for injury, loss, or damage resulting from use of this product.

## CAUTION

WARNING! CORROSIVE: Causes skin and eye burns. Harmful if swallowed or inhaled. Causes severe eye irritation with possible blindness. Vapor and mist causes irritation to nose, throat, and lungs. Always use proper safety equipment. Consult MSDS for additional chemical and safety information.

## Shipping

Corrosive liquids, N.O.S., 8, UN1760, PG III NMFC# 44155-4 Class 70. Certain colors contain Hydrochloric Acid, Phosphoric Acid, Ferric Chloride, Ferrous Chloride, Cupric Chloride, Sodium Dichromate, Manganese Chloride, and Chromic Chloride.

## FIRST AID

Skin - Wash thoroughly with soap and water. Discard affected clothing and footwear.

Eyes - Flush with water immediately. Hold eyelids apart while flushing material out thoroughly with large amounts of water. Seek Medical Attention Immediately!

Ingestion - Give several glasses of water or milk. Seek Medical Attention Immediately!

Inhalation - Move to fresh air.

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

## WARNING

Detectable amounts of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be found in the material. Proposition 65, California Health and Safety Code Section 252495 es.seq.

Close container immediately after each use. Store upright in a tightly closed container away from combustible material and sources of heat. Never transfer to an unmarked container. Do not reuse empty container, empty containers may contain hazardous product residues.

Before use, review the Material Safety Data Sheet and Technical Data Sheet for further information, including health effects.