

## A SOLVENT-BASED ACRYLIC SEALER DESIGNED TO BE APPLIED OVER PROPERLY PREPARED CONCRETE GARAGE FLOORS AND DRIVEWAYS

**CFS** is a solvent-based, acrylic sealer designed to be applied over properly prepared concrete and masonry driving surfaces that require hot tire resistance. CFS forms a durable film which provides long lasting protection when properly applied over garage floors, warehouse floors and driveways. CFS is available in Clear (high-gloss finish) and in a variety of colors (satin finish). **Do not use CFS for interior applications (such as basements) or in any other enclosed area where vapors may accumulate and concentrate. Proper ventilation is required when using this product. Read all other limitations and warnings before using.**

### USES AND ADVANTAGES

- Excellent protective coating for concrete garage floors, warehouse floors and driveways.
- Easily applied straight from the can by brush or roller.
- Forms a durable film.
- Bridges hairline cracks.
- Provides an abrasion resistant surface.
- Impervious to water, salts, grease, petroleum oils, aliphatic solvents and other common chemicals.
- Prevents dusting on new or older concrete surfaces.
- Prevents moisture from migrating through on-grade floors.

### SURFACE PREPARATION

For optimum performance all new concrete and masonry must age at least 28 days prior to application. Surfaces to be coated must be DRY, sound and clean. CFS will not fill voids or bridge large cracks. All voids and cracks must be repointed or patched then allowed to cure.

Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, curing compounds, form release agents, paint or any other foreign material which might effect the bond. A dry removal method such as a sand or shot blasting procedure will ensure a proper surface preparation. Wet cleaning may also be used. If the size of the job does not justify the costs of such equipment, all preparations may be accomplished manually. All oil and grease must be scrubbed with a degreasing compound, rinsed thoroughly then allowed to dry. After cleaning oil or grease spots, sprinkle a little water on the cleaned surface to check for residual contamination. Oil or grease is still present if the water forms small globules. If the water is quickly absorbed, the surface is clean.

Efflorescence must be washed with a mild solution of muriatic acid and water, rinsed thoroughly then allowed to dry. **Always perform a spot test (of sufficient size) prior to application in order to ensure compatibility between CFS and the substrate as well as to confirm that the appearance and performance are acceptable.**

### Existing Painted Surfaces

CFS may sometimes be applied over previously painted surfaces (which are intact) only if a spot test confirms compatibility. Thoroughly clean the existing painted surface using a strong detergent, rinse thoroughly then allow to dry. Apply CFS over a small area of the painted surface. If the CFS lifts or wrinkles, it is not compatible and all existing paint must be removed. If the paint remains intact, wait five days and retest by cutting an "X" into the surface. Then place duct tape firmly over the "X" cut and remove with a hard, fast pulling action observing if any paint or CFS

adheres to the tape. If so, all existing paint must be removed before applying CFS. **SEE WARNING ON BACK PAGE REGARDING PAINT REMOVAL.**

### MIXING

Do not thin or dilute. Gently stir CFS thoroughly before applying. CFS Colors must be thoroughly stirred before and every 10 minutes during use to avoid color or finish variations. *For better slip resistance (under wet conditions), blend 1 lb. of powdered pumice stone per gallon of finish coat.*

### APPLICATION

Cover and protect all adjacent surfaces prior to application. Apply with a nylon brush, polyester brush or a 3/8" nap roller. Due to the viscosity of CFS, using spray equipment is not advisable. Apply evenly avoiding runs, sags or puddles. Do not over-brush or over-roll since this may cause air bubbles to form. Always work to a wet edge. Overlapping wet on dry will cause finish variations. For optimum protection, always apply at least two coats. CFS dries in approximately two hours depending on surface porosity and ambient temperatures. A second coat of CFS may be applied immediately after the first coat has dried. Allow CFS to cure for at least 72 hours (at room temperature) before allowing any vehicles onto the coated surface. Clean brushes and rollers immediately after use with mineral spirits.

### COVERAGE

Coverage will vary depending on the porosity of the surface being coated. **Approximate Coverage per Gallon**  
 Dense Concrete.....150-200 sq. ft.  
 Porous Concrete.....80-100 sq. ft..



## LIMITATIONS

- For professional use only.
- Do not use for interior applications (such as basements) or in any other enclosed area where vapors may accumulate and concentrate.
- Surfaces to be coated must be completely dry, otherwise, CFS may trap moisture causing white blotches to form.
- Do not apply if rain, snow or any other precipitation is expected within 24 hours.
- CFS may be applied at a wide range of temperatures but do not apply over any surface which is frozen or contains frost.
- Do not allow CFS to come in contact with shrubbery, vegetation, vinyl, plastics, mastics, rubber materials, EPDM roofing materials, asphalt shingles, bituminous materials or any other materials that may be damaged or dissolved by solvents.
- Before using this product, make sure you obtain, read and fully understand the Material Safety Data Sheet (MSDS).

### WARNING!

**DANGER! FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND ALL OTHER SOURCES OF IGNITION. VAPORS MAY CAUSE FIRE. VAPORS MAY TRAVEL LONG DISTANCES TO OTHER AREAS AND ROOMS AWAY FROM WORK SITE.**

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition anywhere within the work area during use and until vapors are gone from the work site and all areas away from the work site. Keep away from electrical outlets and switches. Beware of static electricity that may be generated by synthetic clothing and other sources. Do not use for interior applications (such as basements) or in any other enclosed area where vapors may accumulate and concentrate.

### DANGER! VAPOR HARMFUL. DO NOT BREATHE VAPORS OR SPRAY MIST. USE ONLY WITH ADEQUATE VENTILATION TO PREVENT BUILDUP OF VAPORS.

Maintain a cross ventilation of moving fresh air across the work area. If odor is noticed or if you experience dizziness, headache, nausea or eye watering -STOP- ventilation is inadequate. Leave area immediately. If the work area is not well ventilated, you **MUST** wear an appropriate, properly fitted respirator for organic solvent vapors (NIOSH approved) during and after application as well as provide a properly engineered air control system designed to prevent vapors from exceeding TLV as listed in the Material Safety Data Sheet. Keep children, pregnant women or other hypersensitive persons away from work site and surrounding areas until all vapors are gone. Do not use in areas where food is processed or stored unless material has cured completely for at least 28 days at room temperature.

**DANGER! HARMFUL OR FATAL IF SWALLOWED.** Do not take internally. Contains Petroleum Distillates. Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Intentional misuse of this product by deliberately concentrating and inhaling vapors can be harmful or fatal. Avoid contact with skin and eyes. Close container and store upright after each use. Do not reuse this container. If spilled, contain spilled material and remove with inert absorbent. Waste is EPA hazardous for ignitability. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**FIRST AID:** If swallowed, do not induce vomiting. Get medical attention immediately. If eye contact occurs, immediately flush with water for at least 15 minutes. Get medical attention immediately. If skin contact occurs, flush the affected area with warm water and a mild soap. If skin irritation

persists, get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

24 Hour Emergency Medical/Spill Information (Chemtec): 800-424-9300

**USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.**

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Before removing any old paint, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log onto [www.epa.gov/lead](http://www.epa.gov/lead). Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**For technical assistance call 978-453-8881**

[www.umaco.com](http://www.umaco.com)

### LIMITED WARRANTY

*The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.*  
**02-01-11**

- Concrete Patching and Repair Products
- Masonry Waterproofing Products
- Acrylic Admixtures and Bonding Agents



- Decorative Masonry and Concrete Coatings
- Traditional and Synthetic Stucco Systems
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