CHEMSOL 75 ANTI-SKID SAFETY COATING

GENERAL INFORMATION	PHYSICAL PROPERTIES	APPLICATION
Chemsol 75 is a water based flexible acrylic anti-slip floor and deck coating formulated for pedestrian traffic. Chemsol 75 is easy to apply and offers excellent adhesion to asphalt, concrete, wood and metal surfaces. Chemsol 75 has been formulated to meet the strict requirements of South Coast Air Quality Management District Rule 1113. Chemsol 75 is easy to clean up, economical to use and since it is one component, it can be resealed and saved for future use. Chemsol 75 is USDA acceptable.	**1. Colors:** Gray – 75-MG Black – 75-BK Blue – 75-BL Green – 75-GR Orange – 75-OR Beige – 75-BE Tile Red – 75-RE Safety Yellow – 75-YE **2. Solids by Volume:** 64 +/- 2% **3. VOC content:** 0.34 lbs/gallon (41 grams/liter) **4. Dry Time @ 70ºF (21ºC):** For Light Traffic: 4 hours For Heavy Traffic: 24 hours Full Cure: 7 – 10 days **5. Coefficient of Friction:** Dry: 1.3 Wet: 0.9 **6. Theoretical Coverage:** 70 ft^2/gallon (roller) 65 ft^2/gallon (trowel) 125 ft^2/gallon (sprayed) **7. Shelf Life:** Two Years	**Surface Preparation:** **Concrete:** Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residue and allow to dry. Remove any paint, laitance or loose concrete by scarification or blasting. Smooth or glazed surfaces should be roughened to improve adhesion. New concrete should be cured for at least 30 days prior to application. All release agents, hardeners or sealers must also be removed as they may interfere with adhesion. Prime the clean, dry surface with Chemsol WB Epoxy Surface Primer. **Asphalt:** Sweep the surface to remove all loose contaminants. Remove oil, grease or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Prime the clean, dry surface with Chemsol Acrylic Primer. **Metal:** All surfaces must be clean, dry and free of surface contamination. The surface should be prepared to a minimum Commercial Blast per SSPC-SP 6. Prime blasted surfaces immediately with Chemsol Metal Primer to prevent flash rust. **Wood/Fiberglass:** Remove oil, grease or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Sand the surface to remove loose material and to create a surface profile for application. Prime wooden surfaces with Chemsol WB Epoxy Surface Primer. Prime fiberglass surfaces with Chemsol Metal Primer. **Mixing:** Mixing should be done with a mechanical mixer such as a pneumatic drill motor with a jiffy mixing blade until contents are a

Chemsol warrants that its products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should thoroughly test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or replacement in kind.

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uniform color.

Roller Application
The best anti slip characteristics are obtained when the product is applied by roller. For best results, do not thin and apply using a phenolic core roller on even surfaces. On irregular surfaces use a bristle core roller or short nap roller.

To roll, pour a strip of Chemsol 75 on the surface approximately 2 inches long and 6 inches wide. Roll by pulling the material toward you in slow straight strokes. Roll material in one direction only.

Use a modest amount of downward pressure on the roller. It is important that the rolled profile expose the maximum amount of nonslip aggregate. If the aggregate is not properly exposed, the coating may become slippery when wet. Make sure coating is even without any thick puddles. If the coating is too heavy, it may not cure properly.

Protect exterior applications from rain for at least 24 hours. High humidity will retard drying.

Apply at surface temperatures between 50ºF and 120ºF. Application below 50ºF is not recommended.

Spray:
Chemsol 75 can be sprayed using Mastic Spray Equipment. A minimum of a 5 gallon bottom outlet pressure pot equipped with a double regulator and air driven agitator with a 1" I.D. outlet pipe.

Use a maximum of 25 feet of 3/8" hose for air and a maximum of 25 feet of ¾" hose for the material.

The Spray gun should be equipped with a ¼" fluid nozzle and a ¼" internal air cap.

Minimum air supply is 20 CFM at 90 lbs. pressure.

Material pressure should be 15 – 20 psi.

Fluid pressure should be 0 – 25 psi.

Maintain constant agitation of the product to insure the aggregate does not settle out during application.

Spray at a distance of 16 – 24 inches from the surface.

Trowel:
Chemsol 75 may be applied with a smooth trowel such as a plasterer's finishing

trowel. A trowel about 4 inches by 12 inches for best results. Pour a strip of Chemsol 75 on the surface approximately 2 inches long and 6 inches wide. Hold the trowel at a 45° angle to the surface and spread with a full motion. Reverse the angle of the trowel for an opposite stroke. Pull the material toward you to give the proper appearance.

Surface Maintenance:
Maintain a clean surface to ensure the maximum performance from the anti slip coating. The following cleaning procedure is recommended:
Foreign matter such as chewing gum should be removed with a scraper or putty knife.
Use an all purpose biodegradable cleaner/degreaser mixed with water to clean the surface. Scrub the surface with a long handled, fiber bristled brush or floor machine.
Rinse with clean water and dry.

Note: While Chemsol 75 is extremely durable, it is not a permanent coating and will require occasional touch up, especially in heavy impact areas.

Safety Precautions:
This product is intended for professional use in an industrial environment only. Consult the Material Safety Data Sheet prior to application.