



Tech Data Sheet

300 Series Epoxy Coating

FEATURES	
Ideal product were gloss and color retention are not an issue, but film strength and chemical resistance take precedence: floor coating, below the water line marine application, etc.	
<p style="text-align: center;">DESCRIPTION</p> <p>A two component, 1:1 mix ratio, cures to hard, tough film resistant to alkalis, water, solvents, and splash or spills of dilute acids.</p>	<p style="text-align: center;">RECOMMENDED USES</p> <p>For protection of metal, concrete, or masonry surfaces exposed to corrosive environments in chemical plants, pulp and paper mills, oil refineries, offshore structures, and the marine industry.</p>
<p style="text-align: center;">PHYSICAL PROPERTIES</p> <p>GENERIC TYPE Polyamide Cured Epoxy COLOR All standard colors, others upon request GLOSS High SOLID CONTENT 47% by weight, 59% by volume VISCOSITY 65 +/- 2 KU SHELF LIFE One year, unmixed FLASH POINT 80°F MAX TEMP. 200°F COVERAGE 752sq.ft. per gal. at 1mil (theoretical coverage) THICKNESS Recommended 2-3mil DFT DRY TIMES 1.5 hours to tack-free 4-6 hour to recoat POT LIFE 6-8 hours at 60-70°F INDUCTION TIME 15 min</p>	<p style="text-align: center;">SURFACE PREPARATION</p> <p>All surfaces must be dry, clean, and free from all dirt, oil, and grease and properly primed. Remove all loose or scaling paint. Clean any oil, grease or wax residue. Properly prime with epoxy, zinc, or universal type primer. Sand primer coat if necessary and remove all dust particles after sanding.</p> <p style="text-align: center;">MIXING INSTRUCTIONS</p> <p>Mix well before using. Make sure to stir from bottom to top to ensure proper mixing. 1 Part Paint 1 Part CPS300 Epoxy Activator (allow 15 min for induction) ≤10% UR Series Reducer (spray application) if needed.</p> <p style="text-align: center;">EQUIPMENT</p> <p>The following equipment has been found suitable; however, equivalent equipment may be substituted. Air Spray: 1.6 -1.8 needle, Conventional or HVLP Airless: Graco 240-000 gun, 0.15 orifice, 30:1 pump</p>
<p style="text-align: center;">RECOATING</p> <p>For best results, application of additional coats should take place within 24 hours. Prolonged delays may require cleaning and roughening of the undercoat to ensure optimum intercoat adhesion.</p>	
APPLICATION	
Do not apply in rain, excessive humidity or in freezing weather. Spray or roll is recommended, small areas may be brushed. Relative humidity should be below 85% and ambient temperature 40°F or higher. For spray application, can be thinned with UR Series Reducer or other appropriate thinner as needed. Thinning adds to VOC content - check local regulations. Catalyze with CPS300 Epoxy Activator. Apply paint over clean surfaces for best finish. Apply smooth even coats not to exceed 5 mils wet, as wrinkling (loss of gloss) and slowing of dry may occur from excessive one coat thickness. For additional information, contact authorized distributor.	
CLEAN UP	
Clean all equipment immediately after use with UR Series Reducer or lacquer thinner.	
CAUTIONS	
<p>CONTENTS ARE FLAMMABLE LIQUID Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone. Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. VAPOR HARMFUL Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particle respirator (NIOSH/OSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: IF INHALED: If affected, remove from exposure. Restore breathing, keep warm and quiet. IF ON SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. IF IN EYES: Flush eyes with large amounts of water for 15 min. Get medical attention. IF SWALLOWED: Get medical attention immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State and Local regulation regarding pollution. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE: Contains solvents which can cause permanent brain damage and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. DO NOT TAKE INTERNALLY - KEEP OUT OF REACH OF CHILDREN</p>	
WARRANTY	
CPS Coatings guarantees the standard quality of this product and its adherence to our specifications. However, as the use of this product is beyond our control, we expressly disclaim responsibility for its handling, storage, use, results obtained or any injury or special indirect or consequential damage of any nature whatsoever.	