



Tech Data Sheet

4400 Series High Solids Acrylic Urethane

FEATURES	
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<p style="text-align: center;">DESCRIPTION</p> <p>A High Solids Low VOC version of our 4000 Series which demonstrates excellent gloss and color retention with superior chemical, abrasion, and impact resistance. Very tenacious when applied directly to raw steel.</p>	<p style="text-align: center;">RECOMMENDED USES</p> <p>Recommended for storage tanks, transport trailers, sewage plants, offshore drilling platforms and equipment, air conditioning coils, pulp and paper industry, mine equipment, refineries and petrochemical plants.</p>
<p style="text-align: center;">PHYSICAL PROPERTIES</p> <p>GENERIC TYPE Aliphatic Acrylic Urethane COLOR All standard colors, others upon request GLOSS High SOLID CONTENT 68% by weight, 76% by volume VISCOSITY 77 +/- 2 KU SHELF LIFE One year, unmixed MAX TEMP. 275°F continuous 350°F intermittent COVERAGE 1088sq.ft. per gal. at 1mil (theoretical coverage) THICKNESS Recommended 1.5-2.0mil DFT DRY TIMES 15 min to tack-free 1/2-4 hour to recoat, depending on accelerator used. POT LIFE 6 hours at 77°F w/o accelerator (AH-X99).</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. Use appropriate primer or compatible coating. 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. 3 Parts Paint 1 Part AH898HS High Solids Urethane Catalyst Up to 20% UR Series Reducer (spray application) if needed. Add accelerator (AH-X99) in 1/2oz. increments up to a <u>maximum</u> of 1.5oz. to the gallon kit. Deduct 20% pot life for every 1/2oz. used.</p>
<p style="text-align: center;">RECOATING</p> <p>For best results, application of additional coats should take place within 12 hours. Prolonged delays may require cleaning and roughening of the undercoat to ensure optimum intercoat adhesion.</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>
APPLICATION	
Do not apply in rain, excessive humidity or in freezing weather. Surface must be above 50°F and at least 5°F above dew point. 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 AH898HS High Solid Urethane Catalyst. 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.	