



Tech Data Sheet

111 Series Medium Oil Enamel

FEATURES	
A slower dry enamel than our 100 Series, which will allow for better gloss and overall appearance. Gallons are 7/8 filled for convenient mixing. Three easy options: add a pint of AS55 Acrylic Additive to improve gloss, hardness, and dry time; add a pint of AH988 Activator to improve gloss, hardness and chemical protection; or add reducer to make a RTS air dry enamel.	
DESCRIPTION	RECOMMENDED USES
A Medium Dry coating formulated to provide good corrosion protection when used on properly primed metal.	For the protection and decoration of machinery, tanks, structural steel, equipment, piping, bridges, and power plants.
PHYSICAL PROPERTIES	SURFACE PREPARATION
<p>GENERIC TYPE Modified Medium Oil Alkyd</p> <p>COLOR Complete range of colors</p> <p>GLOSS High</p> <p>SOLID CONTENT 43% by weight, 33% by volume</p> <p>VISCOSITY 55-56 +/- 2 KU</p> <p>SHELF LIFE One year</p> <p>FLASH POINT 55°F</p> <p>COVERAGE 528sq.ft. per gal. at 1mil (theoretical coverage)</p> <p>THICKNESS Recommended 1.5-2.0mil DFT</p> <p>DRY TIMES 45-60 min to tack-free 4-6 hour to recoat 12-24 hours to dry hard</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>
	MIXING INSTRUCTIONS
	<p>Mix well before using. Make sure to stir from bottom to top to ensure proper mixing.</p> <p>7 Parts Paint</p> <p>1 Part AH988 Synthetic Catalyst (optional) OR</p> <p>1 Part AS55 Acrylic Additive (optional)</p> <p>≤10% UR Series Reducer (spray application)</p>
RECOATING	EQUIPMENT
It is crucial not to recoat between 6 and 24 hours, as wrinkling may occur. After 24 hours, job will require cleaning and roughening of the undercoat to ensure optimum intercoat adhesion.	<p>The following equipment has been found suitable; however, equivalent equipment may be substituted.</p> <p>Air Spray: 1.6 -1.8 needle, Conventional or HVLP</p> <p>Airless: Graco 240-000 gun, 0.15 orifice, 30:1 pump</p>
APPLICATION	
Do not apply in rain, excessive humidity or in freezing weather. For spray application, thin with UR Series Reducer or other appropriate thinner as needed. Thinning adds to VOC content - check local regulations. Can be catalyzed with AH988 Synthetic 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. Brush, roller, or spray.	
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.	