



# Tech Data Sheet

## 100 Series Primer Synthetic Enamel Primer

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| <b>PRODUCTS</b><br>CPS-3 Red Oxide Primer<br>CPS-RC3 Recycled Red Oxide Primer<br>CPS-169 Flat Black Primer   |   |
| <b>DESCRIPTION</b><br>Specifically formulated for application to steel surfaces with excellent adhesion, wetting, and application properties.   | <b>RECOMMENDED USES</b><br>Where recoat with alkyd, phenolic, oleoresinous, or latex topcoats are required. Good protection for steel during shipping and erection.   |
| <b>PHYSICAL PROPERTIES</b><br>GENERIC TYPE Zinc Phosphate w/ Alkyd Binder<br>COLOR Red Oxide or Black<br>GLOSS Flat<br>SOLID CONTENT 56% by weight, 35% by volume<br>VISCOSITY 68 +/- 2 KU<br>VOC 3.8<br>SHELF LIFE One year<br>FLASH POINT 55°F<br>COVERAGE 802sq.ft. per gal. at 1mil (theoretical coverage)<br>THICKNESS Recommended 1.5-2.0mil DFT<br>DRY TIMES 2 hours to tack free<br>5 hours to recoat<br>8 hours to dry hard  | <b>SURFACE PREPARATION</b><br>All surfaces must be dry, clean, and free from all dirt, oil, and grease. Remove all loose or scaling paint. Clean any oil, grease or wax residue. For best results, abrasive blast SSPC-SP-6, SP-2, or SP-3 is adequate. |
|   | <b>MIXING INSTRUCTIONS</b><br>Mix well before using. Make sure to stir from bottom to top to ensure proper mixing.<br>-8 Part Paint<br>-1 Part AH988 Synthetic Catalyst (optional)<br>-≤10% UR Series Reducer (spray application)                       |
| <b>RECOATING</b><br>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.  | <b>EQUIPMENT</b><br>The following equipment has been found suitable; however, equivalent equipment may be substituted.<br>Air Spray: 1.6 -1.8 needle, Conventional or HVLP<br>Airless: Graco 240-000 gun, 0.15 orifice, 30:1 pump                       |
| <b>APPLICATION</b><br>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. 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.  |   |
| <b>CLEAN UP</b><br>Clean all equipment immediately after use with UR Series Reducer or lacquer thinner.   |   |
| <b>CAUTIONS</b><br>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 |   |
| <b>WARRANTY</b><br>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.   |   |