

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

POST OFFICE BOX 4089 • 2727 OHIO • PHONE (316) 838-4288 • FAX (316) 838-6328

PRIMER HS RED OXIDE WILKO No. 497.105

PRODUCT DESCRIPTION: No. 497.105 Primer HS Corrosion Inhibitive Red is an alkyd primer that is formulated with lead and chromate free ingredients.

PRINCIPAL USE: Designed as primer for steel surface to be topcoated with alkyd enamels. As primer for structural steel, storage tanks, vessels and for general maintenance. Recommended as a lower VOC replacement for No. 497.50 Red Iron Oxide Primer.

COLOR: Red (Use 492.44 for gray).

WEIGHT PER GALLON: 12.6 \pm 5 lbs.

VOLATILE ORGANIC COMPOUNDS: 2.8 lbs.

SOLIDS BY VOLUME: 58.5 \pm 1%

COVERAGE: @ 1 mil dry
Theoretical - 938 square feet per gallon
Practical - 751 square feet per gallon

RECOMMENDED DFT PER COAT: 2-3 Mils

DRYING TIME: @ 77°F
To Touch: 30 to 60 minutes
To handle: 2 to 4 hours
To Recoat: 1 to 6 hours

FLASH POINT: 76°F TCC

THINNING: Check local VOC restriction before thinning or using any clean up thinner. Do not thin to maintain a VOC of 2.8#/gal or less, or use Wilko No. 118 or No. 143 VOC Free Thinners. In areas where the VOC restriction is up to 3.5#/gal, up to 27 ounces of recommended thinner below may be added. Do not add more than 42 ounces of recommended thinner below per gal of primer to keep VOC at the AIM limit of 3.8 #/gal for industrial maintenance finishes.

RECOMMENDED THINNER: Follow Thinning Instructions above to stay within VOC limits. In areas where VOC restriction over 2.8#/gal is allowed use Wilko No. 1, No.2., No.10.or No.25. Use No.1 or No.25 for cool weather (60-70°F) and use No. 2 at 70-90°F. For temperatures above 90 °F, or for brushing or rolling, use No. 10 to avoid dry overspray and lap marks.

CLEAN UP THINNER: Use No.118 or No.143 VOC Free Thinner, or where allowed, use No. 10, No.2, MEK or Xylol.

TEMPERATURE RESISTANCE: 200°F dry, continuous

RECOMMENDED TOPCOAT: Wilko 460 – series alkyd enamels or 820 - series silicone alkyd enamels.

SURFACE PREPARATION: Surface must be clean and dry, free from oil, grease, wax or any other contaminants. For maximum protection of steel surfaces, dry abrasive blast to a Commercial Blast Finish in accordance with SSPC-SP6. Apply primer prior to development of any surface rust.

RECOMMENDED APPLICATION: May be applied by brush or roller, or conventional or airless spray.

APPLICATION EQUIPMENT:

Mix contents until homogenous, then thin as needed. Refer to *Recommended Thinner*, above, for reduction amounts.

1. **CONVENTIONAL SPRAY:** Apply with industrial equipment, such Binks Model 62 or 2001 Gun with a fluid tip of 63 - 66 and air cap of 63PR for pressure fed, to 66SK for siphon fed, guns. For pressure fed setup, regulate the tank pressure at 5-10 psi. Atomization pressure should be maintained at 65-75psi. A moisture and oil trap in the main air supply line is required.

2. **AIRLESS SPRAY:** Use a high output airless equipment, such as Graco Bulldog Hydra-Spray or larger, with a .011 - .017 inch fluid tip and tip pressure of 2400 psi.

3. **BRUSH OR ROLLER:** Use high quality roller covers and brushes to obtain a smooth finish and minimize lap marks. If necessary for flow, thin with No. 10 thinner; do not overthin to avoid sagging.

4. For best results, use at temperature of 65°F or above. Do not apply when surface or ambient temperature is anticipated to drop below 50°F in 24 hours. Do not apply to damp surfaces, and surface temperature must be 5°F above the dew point for 24 hours to prevent moisture condensation, which might result in water spotting and poor film integrity.

FIRST AID: If inhaled, remove to fresh air. If not breathing, administer artificial respiration. In case of any contact with eyes, flush with plenty of water for 15 minutes. Secure medical attention in all incidence of exposure.

PRECAUTION: This product is not intended for general consumer use. Wilko 497.105 is flammable and can cause skin and eye irritations. Keep away from sparks, heat and open flames. Avoid contact with eyes, skin and clothing. Use with adequate ventilation and avoid prolonged breathing of vapors. Wear an air-supplied mask to avoid breathing concentrated vapors in enclosed areas. Keep the container closed. For additional safety information, refer to Material Safety Data Sheets.