

WILKO PAINT, Inc.

WICHITA, KANSAS 67204-0089

MANUFACTURERS OF THE FINEST INDUSTRIAL FINISHES

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PRIMER HS GRAY WILKO No. 492.22

PRODUCT DESCRIPTION: No. 492.22 Primer HS Corrosion Inhibitive Gray 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. It can be used as primer for structural steel, storage tanks, vessels and for general maintenance. Also ideal as an undercoater for dry wall.

COLOR: Gray (Use 491.22 for white)

WEIGHT PER GALLON: 11.4 ±.5 lbs.

VOLATILE ORGANIC COMPOUNDS: 3.33 lbs.

SOLIDS BY VOLUME: 48.2 ± 1%

COVERAGE: @ 1 mil dry
Theoretical - 800square feet per gallon
Practical - 640 square feet per gallon

RECOMMENDED DFT PER COAT: 1-2. Mils

DRYING TIME: @ 77°F
To Touch: 30 to 60 minutes
To handle: 2 to 4 hours
To Recoat: 1 to 16 hours

FLASH POINT: 83°F TCC

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

RECOMMENDED THINNER: 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, use No. 10 to avoid dry overspray. Do not add more than 6 ounces of thinner per gallon of primer to keep VOC at less than 3.5. Do not add more than 20 ounces of thinner per gal of primer to keep VOC at the AIM limit of 3.8 #/gal for industrial maintenance finishes.

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

CLEAN UP THINNER: No. 10 or Xylol

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-SP6-63. Apply primer prior to development of any surface rust.

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 as DeVilbiss MBC or JGA spray gun with No. 78 or 765 Air cap, E fluid tip and needle, or Binks 2001, 18 or 62 spray gun, and a pressure pot with mechanical agitator. 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.

ALTERNATE PRODUCT: For lower VOC primer use 497.105 which has a VOC of 2.8#/gal.

FIRST AID: If inhaled, remove to fresh air. If not breathing, administer artificial respiration, preferably mouth to mouth. In case of any contact with eyes, flush with plenty of water for 15 minutes and secure medical attention.

PRECAUTION: This product is not intended for general consumer use. Wilko 492.22 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.