GCI GILLESPIE COATINGS, INC.

Gillespie Coatings, Inc.

211 Gum Springs Rd. Longview, Texas 75602 903-753-0393

G.C.I. PRODUCT DATA SHEET PR-94 GRAY; PR-99 RED; PR-99T DARK RED PRIMERS

DESRIPTION Modified Alkyd Primer

PRODUCT DATA - A modified Alkyd Oil Primer for industrial use.

General shop primerResists corrosion

Excellent spray ability

- Contains no lead or chrome pigments

- Single stage component

- Typical uses

For use on ordinary steel such as field tanks and other maintenance.

For use in fabrication as a shop primer For use on interior or exterior metal surfaces Has general resistance to moisture or fumes

GLOSS AND COLOR Gloss Level of Finish: Flat $5^{\circ} - 10^{\circ}$ on 60° gloss meter

Colors

PR-94 Gray PR-99 Red Oxide PR-99T Dark Red Oxide

PHYSICAL DATA

Vehicle Modified alkyd resin

Pigment Type Gray, Red iron oxide, rust inhibitors, & inerts

Solvent Type Mixed Aromatic/aliphatic blend VOC 3.8 - 3.9 lbs. /gal. (Varies with color)

Flash Point 88° F (minimum) Weight Per Gallon 10.2 ± 0.1 lbs. /gal.

Recommended

Dry film thickness 1.5 - 2.0 mils DFT

Theoretical

Spread rate 664 Ft² per gallon @ 1 mil, (theoretical)

Volume Solids 37 to 40% (Varies with color)
Volume Weight 58 % (Varies with color)
Viscosity 70 +5 KU @ 78 F.

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Limitations Temperature is limited to 200° F. Not for severe service in

environments such as acids, base or excessive water.

APPLICATION

Method of application: Spray

Application Equipment Airless spray

The following is a guide suitable for equipment from various manufacturers. For proper spray characteristics, changes in

pressure and type size may be needed.

Airless pump ratio 30:1

Non-cycling, air pressure to pump, approximately 40 - 50 psi

Tip pressure approximately 1600 - 2000 psi

Tip size: .015-inch to .017-inch

Conventional Spray

The following is a guide suitable for equipment from various manufacturers. For proper spray characteristics, changes in pressure and type size may be needed. Main line air supply with

moisture and oil trap are recommended

 $\begin{array}{ll} \text{Main airline pressure} & 100 \text{ psi} \\ \text{Fluid (pot) pressure} & 60-65 \text{ psi} \\ \text{Atomizing (gun)} & 40-70 \text{ psi} \\ \text{Quart cup} & 40 \text{ psi} \end{array}$

Tip size: .046-inch to .070-inch

Surface Preparation Coatings performance is dependent upon surface preparation.

Steel - metal preparation SSPC 6. Surface must be clean and

free from oil, moisture, grease and rust.

Film Thickness Minimum / Maximum

Wet Mils 3.5 mils 5 mils DFT Mils 1.5 mils 2 mils

Application Conditions Coatings material must be above 50° F before use. Air and

substrate surface temperature must be above 50° F.

Surface temperature must be a minimum of 5° F above dew

point to prevent condensation formation.

Do not apply when humidity is high and condensation is

possible.

Painting of metal in direct sunlight not recommended.

Recommended Thinner GCI ES-5 (xylene) up to 20%

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Mixing Paint must be thoroughly mixed to a uniform consistency with a

low speed air powered or explosion proof power agitator prior to

use.

Average Drying Time To Touch – 15 - 20 minutes

Tack free – 20 - 30 minutes Through dry – 12 – 16 hours Re-coat – 16 – 20 hours

Clean Up Solvent GCI ES - 5 (xylene)

GCI ES - 19 (MEK)

Clean equipment immediately after use

All surplus materials and empty containers should be disposed of according to regional

regulations

Recommended Top Coats Enamels: GCI 11 Series alkyd

GCI 25 Series alkyd

Aluminum: GCI AL #35,

GCI AL #40,

Packaging

One gallon size container Five gallon size container 55 gallon size drum

Shipping Data

DOT Name : Paint, Liquid
Hazardous Class: Flammable Liquid

UN Number : UN1263 Packing group PGIII

Caution Statement

WARNING - Flammable Liquid FOR INDUSTIAL USE ONLY

GCI 90 Series Primers are flammable. Keep away from open flames and heat. Use adequate ventilation. Avoid contact with skin and breathing of vapors or spray mist. Improper use and handling of this product can be hazardous to health and cause fire. Close container after each use.

Gillespie Coatings, Inc. is responsible for technical accuracy and conformation to GCI specifications.