CARBOLINE INDUSTRIAL

CAR - 302

PRODUCT TECHNICAL SHEET

GENERAL DATA

Product Description:	The Super Enamel is a First quality Type A product, specially formulated with anticorrosive pigments, which allows a direct application to metal, embellishing and giving protection to the surfaces in which it is applied. It has been formulated with Alkyd resins, with an excellent weather resistance, and pigments with extraordinary color and gloss retention.
Recommended Use:	It may be used indoors and outdoors, in marine and industrial locations, in offices and businesses, or wherever optimal hygienic conditions are required.
Color:	According to Color Chart.
Film Appearance:	Glossy.
Percentage of Solids	Weight: 56.6%. Volume: 50.0%.
Theoretical Yield:	60 m²/gallon (15.85 m²/liter) at 1 Mils (25 Microns) of dry film thickness.
Recommended Primers:	Iron and Steel: Not Required Concrete: Anti-alkaline Primer code FLA-10-85. Zinsser Cover-Stain Sealer. Aluminum and Zinc-plated: Wash Primer code FLA-400-00.
Recommended Finish:	Not Applicable.
Recommended Film Thickness:	Dry: 1.5 Mils (37.5 microns). Wet: 4 Mils (100 microns)
Original Viscosity:	70 ± 5 KU at 77 °F (25 °C).

SURFACE PREPARATION

General:	Surface must be clean, dry and free from grease, rust or any other contaminants, in accordance with Specification SSPC-SP-1. Old and/or peeling paint must be eliminated to ensure adequate adhesion.
Iron and Steel:	Clean with Solvent according to Specification SSPC-SP-1. Manual cleanup according to Specification SSPC-SP-2. Clean with Electric Tool according to Specification SSPC-SP-3.
Aluminum or Zinc-plated:	Use Wash Primer code 400-001 according to the Technical Sheet.
Concrete:	Cleanup according with the Concrete Surface Preparation SSPC-SP-13. New concrete, plaster, masonry surfaces, etc., should be allowed to dry for at least 28 days (outdoors) and 45 days (indoors) at environment temperature, to remove excessive humidity.

METHOD OF APPLICATION

General:	It may be applied with paintbrush, roller or conventional spraying gun. Mix thoroughly until color is homogenized and repeat occasionally during application.
Paintbrush:	Use natural bristle paintbrushes
Roller:	Use the appropriate roller-cover according to the surface porosity.
Spraying:	It is recommended to use: a) Suction Gun 40-60 psi. (2.81 – 4.22 kgf/cm²) in the air line. b) Conventional Pressure Spraying Gun: Container Pressure: 10-15 psi (0.70 – 1.05 kgf/cm²). Air Pressure: 40-60 psi (2.81 – 4.22 kg/cm²). c) Airless: Pump Ratio: 30:1 (min.). Output: 11.4 l/min (GPM: 3). Hose: 3/8" (0.95 cm.) I.D. (min.). Nozzle Size: 13-19 mils (325-475 microns). Output Pressure: 1800-2200 psi (127-141 kgf/cm²). Filter Size: 60 mesh screens.

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Teflon gaskets, which are available through the pump manufacturer, are recommended.

MIXING AND DILUTION

Mixing Proportion	Not Applicable.
Pot Life:	Not Applicable.
Dilution:	Maximum 10% in volume with High Gloss Solvent code FLA-231-001. Add 13 fl. oz. (0.38 liters) per 1 gallon (3.785 liters).

CLEANUP AND SAFETY

Cleanup:	Use High Gloss Solvent code FLA-231-001.
Safety Precautions:	Store in a cool and well-ventilated place. Keep container closed when not in use. Toxic Product. Keep out of the reach of children.
Flash Point:	Greater than: 77°F (25°C).

DRYING SCHEDULE

General:	This schedule is based on a 1.5 Mils (37.5 microns) dry film thickness, at a temperature of 77°F (25°C), which may change according to the environmental conditions during the application and the applied film thickness.
To Touch:	One (1) Hour.
Tack Free	Four (4) Hour
To Recoat:	Eight (8) Hours.
Full Hardness:	Twenty four (24) Hours

CONTAINER AND HANDLING AND STORAGE

Container:	1 gallon container (3.785 liters). 1 quarter of gallon container (0.946 liters). Other container as per sale order.
Shell Life:	Thirty (30) months, indoor and in well-ventilated places.
Storage Temperature and Humidity:	Maximum: 100 ºF (38°C) and 85% of Relative Humidity.

Made in Venezuela by PINTURAS FLAMUKO C.A.
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