



RCI-A

Alkyd Rust Converting Inhibitor

ZINC PHOSPHATE HIGH SOLIDS PRIMER

Spray Type-Rapid Dry

PRODUCT DESCRIPTION

A fast, air dry, industrial primer developed for production spray painting iron and steel surfaces. RCI-A primer dries to handle in thirty minutes, minimizing film damage from mechanical handling equipment. May be top coated with most synthetic enamels and lacquers. Excellent durability and resistance to water, making it possible to delay top coating for several months if necessary. This primer exhibited excellent salt spray resistance.

RECOMMENDED USES:

Developed for painting heavy industrial equipment, machinery, structural steel and surfaces where rapid dry and early handling of product is necessary.

LIMITATIONS:

- ◆ Substrate temperature must be above 45°F and below 85°F
- ◆ Do not apply in direct sunlight when temperature is above 80°F
- ◆ Do not apply in high humid or wet conditions
- ◆ Substrate must be cured and completely dry
- ◆ Do not use where hydrostatic pressure is possible
- ◆ Do not use on glazed ceramic tile, quarry tile, marble, terrazzo, dense brick, dense slate
- ◆ Do not apply on other sealers or coatings

TECHNICAL DATA

Type	Modified alkyd resin system
Coverage	200-250 sq. ft. /gal
Recoat (at70°F)	1 to 2 hours
Cure Time	12 to 24 hours
Color	red oxide
Solids	46%
Flashpoint	<40°F
Shelf Life	One year
Weight Per Gallon	10.78 lbs/gal
VOC	<340 g/L
Viscosity	68-74 K.U seconds
Storage Temperature	60-90°F
Clean up	Lacquer thinner or xylene
Dry Time	
To touch – 30 minutes	
To handle – 45 minutes	
To recoat - 2 hours	
Dry Film Thickness	1 ½ mil/coat
Temperature Limits	180°F Dry Heat

PACKAGING:

1 Gallon- 5 Gallon container/drums

PRECAUTIONS:

Wear approved MESA/NIOSHA toxic vapor mask. Protective creams suggested on face and exposed skin areas. In case of contact with skin, wash with soap and water or waterless skin cleaners. Read all labels carefully before proceeding.

WARNING: FLAMMABLE. Keep away from heat, sparks, and flames. Do not smoke. Vapors may ignite explosively. Use in well-ventilated area. Avoid breathing vapors. Wear protective clothing, gloves and safety glasses. Harmful or fatal if swallowed. KEEP OUT OF THE REACH OF CHILDREN.

ANTIDOTES:

INGESTION: Do not induce vomiting. Call a physician.

EYES: Flush with large amounts of water for 15 minutes, holding eyelids open. If irritation persists see a physician.

INHALATION: Remove to fresh air and rest.

SKIN: Wash thoroughly with mild soap and water.

Proposition 65 WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects, or other reproductive harm.

HMIS:

Health: 2

Flammability: 3

Reactivity: 0

Protection: G

INSTALLATION

PREPARATION:

Surface should be clean and free from all dirt, oil, grease, and other foreign matter. May be applied over light rust, however, good surface preparation is always desirable. Sandblasting or chemical preparations may be necessary to remove rust scale and loose mil scale.

APPLICATION:

Spray, H.V.L.O., airless, or electrostatic and brush for touch up.

THINNING:

To maintain compliance with BAAQMD reg. 8, rule 19, reduce with acetone only. Thintex #2 or xylene may be used. If VOC compliance is not a consideration.