



**LAVA-LINER**

**RCI-A**

Alkyd Rust Converting Inhibitor

## **ZINC PHOSPHATE HIGH SOLIDS PRIMER**

### **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, short knap roller or brush.

#### **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.