

## Pre-Prime

### Technical Data Sheet (TDS)

#### Product Description

**Crown Pre-Prime** is a single component metal treatment. **Crown Pre-Prime** converts tightly adhering rust to iron phosphate. Crown Pre-Prime provides one-step corrosion control and can be painted once dry.

#### Product features:

- Easy to use
- Corrosion control
- Waterborne biodegradable
- Zero VOC

#### Recommended Uses

**Crown Pre-Prime** is intended for industrial applications; either new build or maintenance.

**Crown Pre-Prime** can be used on new ferrous or aluminum surfaces, rusted ferrous surfaces or galvanized.

#### Industries:

- Oilfield & Energy Service
- Industrial Equipment
- Construction Equipment
- Agricultural equipment
- General Metal applications

#### Mixing

**Crown Pre-Prime** is a single component ready to use product.

**Shake each container thoroughly prior to use.**

#### Product Characteristics

**PH: 3.0**

**Shelf Life:** 1 year

**Note:** For unopened product

**IMPORTANT NOTE: KEEP FROM FREEZING**

#### Surface Prep

**New Metal:** For new ferrous or aluminum metals: Remove dirt, grease, oil, and other surface contaminants.

**Rusted Metal:** Remove dirt, grease, oil, and other surface contaminants. Use a wire brush for areas that are heavily rusted. Use 60-80 grit sand paper/pad to remove loose rust.

**Galvanized Metal:** Remove dirt, grease, oil, and other surface contaminants.

**All other substrates contact your Crown representative.**

#### Application Method

#### IMPORTANT SAFETY NOTE:

**Crown Pre-Prime CONTAINS PHOSPHORIC ACID. Applicators should be equipped with rubber gloves, aprons, and goggles to avoid contact with the solution. For spray application, a respirator must be worn. After use, clean equipment thoroughly with water. For further information see SDS.**

**Crown Pre-Prime can be applied by brush, roller or non-atomizing spray**

**New Metal:** Apply **Crown Pre-Prime** and allow to dry overnight, then paint.

**Rusted Metal:** Apply **Crown Pre-Prime** and allow to dry overnight, then paint. (For heavy-rusted metal, a second application may be necessary before painting).

**Galvanized Metal:** Apply **Crown Pre-Prime** and let stand 1-2 hours, and then rinse off with water. Allow to dry overnight, then paint.

**A dry, grayish-white surface usually develops. This is normal – brush off any loose powder before paint application.**

Typical application rate is 600 square feet per gallon.

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#### Topcoating Information

**Crown Pre-Prime** can be coated using oil-based primers and topcoats.

#### Clean Up

Clean all equipment immediately after use with water.

#### Ordering Information (sizing)

Available in Gallon and 5-gallon pails.

#### Environmental Conditions

For optimum product performance, substrate and ambient temperature should be above 40°F (5C).

Excessive dew and humidity will prolong dry and cause powdery buildup.

**Note: For use outside this range please contact your Crown Representative.**

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be obtained by contacting Crown Paint.