

## MCI® Creteskin®

### DESCRIPTION

MCI® Creteskin® is an industrial strength release agent containing Cortec's Migratory Corrosion Inhibitors (MCI). MCI® Creteskin® is designed for protecting equipment, vehicles and forms in the construction industry. This clear protective coating inhibits the adhesion of concrete to painted and unpainted metal surfaces. MCI® Creteskin® prevents adhesion of cementitious materials, salts and other abrasives. It also provides corrosion protection to the underlying substrate, enabling continued use and a longer lifespan.

### PACKAGING & STORAGE

MCI® Creteskin® is packaged in 5 gallon (19 liter) pails and 55 gallon (208 liter) drums.



### WHERE TO USE

- Ready Mix and salt/sand truck chassis'
- Drum mixers
- Batching Plants
- Construction equipment
- Concrete forms and molds
- Scissors lift

### ADVANTAGES

- Contains Migratory Corrosion Inhibitors
- Allows cleaning with high pressure water instead of abrasive blasting
- No acid needed in cleaning
- Reduce cleaning to once per week
- Reduce water consumption
- Protects painted and unpainted carbon steel and aluminum
- Chemically resistant to caustic soda and HCl
- Can be used as a sacrificial anti-graffiti coating

### PHYSICAL PROPERTIES

Appearance	Off white to tan opaque liquid
Density	8.0-8.5 lb/gal (0.95-1.02 kg/l)
NVC (weight)	30-34%
pH	9.0-9.5 (neat)
Coverage Rate	320-640 ft <sup>2</sup> /gal @ 0.5-1 mil dry film thickness (8-16 m <sup>2</sup> /L @12.5-25 microns dry film thickness)
Dry to touch time	10 minutes
Cure time	24 hours @70°F (21°C), 50% RH

Test Name	Result
5% Caustic soda spot test	24 hours, no effect
20% HCl spot test	30 hours, no effect
Salt spray resistance, ASTM B-117	168 hours
Humidity resistance, ASTM D-1748	500 hours

(see Cortec report #07-339bis)

APPLICATION

(See product specifications for complete application guide)

MCI® Creteskin® must be thoroughly stirred prior to use. All sensitive parts should be protected from spray.

MCI® Creteskin® is ideally applied onto a cleaned and dry surface, or to new equipment prior to being used. (Note: New paint must be allowed sufficient time to cure before application of MCI® Creteskin® and the substrate must be free of moisture and other contaminates.)

The substrate to be coated should be above 55°F (13°C) at times of low humidity (between 10-50% RH). At times of high humidity, (between 50-80% RH), surface temperature should be above 68°F (20°C). Do not attempt to apply in very damp or cold conditions.

Gently mist with commercial spray gun or brush up to three thin (tack) coats totaling 2.5-5 mil (62.5-125 microns) wet film thickness. Allow each coat to dry to the touch which generally takes less than 10 minutes. Applying too much coating will cause it to run and pool, with no added benefit.

MCI® Creteskin® should be allowed to cure prior to use. The coating will become dry to the touch fairly quickly, but sufficient curing time is necessary for proper performance. (To confirm cure, a splash test should be performed.) When cured, MCI® Creteskin® will have a slight waxy/satin finish. A light buff can be done if required for aesthetic purposes.

Once cured, MCI® Creteskin® will stand up to high pressure and/or hot water washes typically used when cleaning concrete trucks and other equipment. In some instances maintenance of the coating may be required as some surfaces may wear during normal operation. Recoating or “touching up” an area with MCI® Creteskin® can be performed by using a brush or hand-held spray bottle. Touch-ups should be done within temperature and humidity guidelines.

EQUIPMENT CLEAN-UP

Prior to curing, overspray of MCI® Creteskin® can be removed using high pressure water. The spray gun can be cleaned using an alkaline cleaner, such as undiluted MCI-2060.

REMOVAL OF CURED COATING

A strong alkaline cleaner, such as MCI-2060 can be used with scrubbing to remove cured MCI® Creteskin®.

REMOVAL OF RESIDUAL CONCRETE

Use a high pressure water (2000 psi) washer at 100-160°F (38-71°C).

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