

# **BUILDING CHEMICALS SPECIALISTS**

## **Uni-Silicate Cure Curing Compound**

### **Product Data**

**Uni-Silicate Cure** is an aqueous solution of sodium silicate. It does not contain waxes, paraffins, resins or oils. Uni-Silicate Cure penetrates the concrete surface and provides increased resistance to abrasion and wear without leaving a surface film. The treated concrete resists staining by oils and damage from a wide range of acids and chemicals. Uni-Silicate Cure also substantially reduces water seepage and surface dusting. After the surface has dried, paint, adhesives or other coatings may be applied to the concrete.

**Uni-Silicate Cure** is useful as a curing aid and surface conditioner for freshly poured and finished concrete. It is an excellent hardener and surface conditioner for parking lot pavements, garage floors, driveways, maintenance areas or any surface subject to abrasion and chemical damage or staining. This water-based conditioner is especially useful in areas where flammable, solvent-based materials might be hazardous.

### **Specifications**

Appearance: Low viscosity liquid.  
Density: 1.1 kg/L  
Flash Point: None, Water-based product

### **Application Instructions**

Thoroughly clean the concrete surface by sweeping, hosing or scrubbing as required. Use a hand sprayer, power sprayer, brush or roller to apply **Uni-Silicate Cure**. It also may be poured and spread with a stiff broom. Spread a continuous uniform film at a rate of 6 to 10 m<sup>2</sup>/L. Apply **Uni-Silicate Cure** to freshly poured concrete surfaces immediately after the final trowelling.

For multiple coatings, allow at least two hours drying time between applications. Concrete should dry for 24 hours before heavy traffic is permitted.

For cleanup, thoroughly rinse application equipment with water.

### **CAUTION**

Do not apply at temperatures below 4°C. Keep from freezing. If Uni-Silicate Cure comes in contact with aluminium, wash thoroughly with water. If Uni-Silicate Cure should accidentally be splashed in eyes, flush with cold, clean running water. If skin contact occurs, wash thoroughly with soap and water.

### **Coverage**

Smooth Steel Trowel Surface **10m<sup>2</sup> per litre.**  
Rough Bull Float Surface **6m<sup>2</sup> per litre**

Rates may vary according to specification.

### **Packaging**

210 litre metal drum  
20 litre plastic container

### **Shelf Life**

All components 12 months when stored in unopened containers.

### **Health & Safety**

Avoid skin and eye contact. This product can cause skin irritation after prolonged or repeated exposure. If contact occurs, wash immediately with soap and water. If eye contact should occur, flush with plenty of water and seek medical attention. When handling, use disposable plastic or rubber gloves, wear protective clothing and discard clothing and gloves when finished.

### **Warranty**

Frinics products will perform according to specifications only if directions are followed. Frinics is not responsible for improper use, application, or storage of its products or for use of its products in unsafe weather or with unsafe engineering or working conditions.

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