



# **LUCAS** *Coatings & Mastics for the Building Trades*

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## **PRODUCT DATA BULLETIN**

### **#7000 CURE & SEAL Solvent - Based**

#### **PURPOSE**

Lucas #7000 Cure & Seal - Solvent Based is a VOC compliant solvent-borne acrylic protective coating for horizontal concrete traffic surfaces. #7000 is intended for application to new concrete as soon as the surface has set. The product must be applied the same day the concrete is poured. It will seal the surface and retard moisture evaporation resulting in a stronger cured concrete.

#### **PRODUCT DESCRIPTION**

Lucas Cure & Seal is manufactured from durable, high Tg acrylic resin in a fast drying solvent vehicle.

#### **APPLICATION**

This is a **FLAMMABLE MATERIAL**. Do not apply near heat or open flames. Do not apply to concrete in direct sunlight or in temperatures over 80° F to avoid blistering or “solvent pop” pin-holing. Material temperature must be 50°F minimum. Application temperature must be 40° F minimum. Not resistant to petroleum products or animal fats.

Apply product as it comes from the container with a high volume, solvent resistant, commercial pump sprayer with a 1/2 gallon per minute tip. Do not use form oil sprayers as the oil will contaminate the Cure & Seal. Apply 300 to sq. 350 ft. / gallon.

#### **CAUTION**

**FLAMMABLE LIQUID**, keep away from heat and open flames. Survey the area for sources of ignition prior to application. Do not smoke near the product until it has fully cured. Avoid prolonged contact with skin or fumes. Wear appropriate protective clothing including rubber gloves and safety goggles. A NIOSH approved respirator with organic vapor cartridges is recommended. If irritation occurs, flush with water and seek medical attention. Keep out of reach of children. Read MSDS prior to use.

## **#7000 SPECIFICATION**

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| <b>Specification</b>                   | <b>ASTM C-1315*, Type I , Class C,<br/>ASTM C-309, Type I, Class A &amp; B,<br/>AASHTO M-148, Type 1, Class A &amp; B<br/>* does not meet flash point requirement</b> |
| <b>Viscosity</b>                       | <b>150 cps</b>  |
| <b>Recommended rate of application</b> | <b>300 to 350 sq. ft. per gallon</b>  |
| <b>% Solids</b>                        | <b>25 min</b>   |
| <b>% Non-volatile</b>                  | <b>75 max</b>   |
| <b>Weight per gallon</b>               | <b>7.8 lbs.</b>   |
| <b>Dry to touch</b>                    | <b>less than 1 hour</b>   |
| <b>Wheel traffic</b>                   | <b>12 hours</b>   |
| <b>Flash point (TCC)</b>               | <b>-4° F</b>  |
| <b>VOC</b>                             | <b>less than 350 g/l (Meets OTC, IL, OH, MI)</b>  |
| <b>Colors</b>                          | <b>Clear</b>  |
| <b>Container sizes</b>                 | <b>1, 5, 55</b>   |

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