

Made in the USA

# USC-1000

## Ultra-Slick Release Coating

ULTRA-SLICK PROTECTIVE COATING



**A durable barrier coating that resists virtually all petro-chemicals, gasoline, oils, paints, and solvents on both porous and non-porous substrates**

**An ideal release coating for any manufacturing, farming chemical production or gas and oil storage environment.**

**100% Hydrophobic and Icephobic when cured**

USC-1000 is a multi-purpose clear coating that may be applied over virtually any surface.

USC-1000 provides the highest level of resistance to oils, paints, solvents, permanent markers, food stuffs, as well as sticky ingredients used in manufacturing. These materials can be removed from a surface coated with USC-1000 with a water power wash or with ordinary household cleaners. USC-1000 is a two part urethane coating with an extended pot life of 4 hours at 77 F. USC-1000 has many uses and can be customized for a variety of industrial applications. Cures to the touch in 30 minutes, fully cured in 48 hours. 100% Hydrophobic. Cures to a high-gloss finish so smooth, that virtually nothing adheres to it.

#### **Product Characteristics:**

- Application by airless or air assisted spray is recommended.
- Extremely high solids product. Once mixed USC-1000 is 53.73 solids by weight and 47.59 by volume.
- 100% Hydrophobic and Icephobic when cured.
- Product sets to the touch in 30 minutes, fully cured in 24 to 48 hours depending on temperature. (68 F. is ideal)
- \* 100% efficiency is achieved with an application of a 2.0 mil coating.
- \* Effective temperature range of applied material is from -30F to 375F.
- \* 420 square foot coverage per mixed gallon at 2.0 mils.

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## Coating Specs:

### **Mixing**

USC-1000 is a two part urethane coating with an extended pot life of 4 hours at 77 F. The mix ratio is 2 parts "A" with 1 part "B" by volume. Mix gently for 5 minutes with stir stick or mechanical mixer. Let stand for 5 minutes. Mix for 5 more minutes. Let stand for 5 minutes then apply. **Do Not Use Paint Shaking Machines to Mix**

### **Cure**

USC-1000 sets to the touch in 30 minutes. This product cures from the inside out to the surface. Full cure occurs in 24 to 48 hours at 68F. May finish curing underwater after 24 hour air cure.

### **Surface Preparation**

May be applied on unpainted, painted or primed wood, tile, cement, terracotta, metal and fiberglass. Surfaces should be free of all moisture, oils and solvents, dust, rust, or any loose scale. Exceptional adhesion to de-scaled rusted surfaces.

### **Application & Coverage**

- Application by airless or, air assisted sprayer recommended.
- 100% efficiency is achieved with an application of a 2.0 mil coating.
- 420 square foot coverage per mixed gallon at 2.0 mils.
- Tool clean-up with MEK when USC-1000 is still liquid.

### **Protective Measures**

Surface protection: Mask with tape, paper, and plastic as with lacquer paints. The use of protective clothing (suit and hood) as well as a quality respirator suited for oil or solvent based paints is required.

**MSDS Sheets may be found on our web site:[www.ksginnovations.com](http://www.ksginnovations.com)**

**KSG Innovations**

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