

# Activate® LS

## Low Solids Silicone Roof Coating

### Manufacturer:

Conklin Company Inc.  
551 Valley Park Drive  
Shakopee, Minnesota 55379  
(800) 888 – 8838 Fax (952) 496 - 4285

### Product Description:

**Basic use:** Activate® LS is a low solids silicone roof coating with a highly reflective bright white finish. It is a one-component, moisture-curing silicone roof coating system designed for use on sprayed-in-place polyurethane foam.

**Limitations:** Must not be applied at temperatures below 40°F or during inclement weather. Surface temperature must be between 40°F and 150°F during application. Mix thoroughly before use. Ambient temperature should not exceed 120°F and surface temperature should not exceed 150°F. The polyurethane foam must be free of ponding water. A roof surface which has more than 36 sq. ft. of water in any area ¼” deep or more, 48 hours after a rain, shall be considered unacceptable. Small “bird baths” cannot account for more than 5 percent of the entire roof surface.

**Sizes:** Available in 5-gallon and 50-gallon containers.

**Coverage Rate:** Activate®LS should be applied at 1.25 gallons per 100 square feet for base coat and 1.25 gallons per 100 square feet for top coat.

### Technical Data:

Resin Type	Liquid Silicone Polymer
Color	White, Light Gray
Coverage	1.25 gallons per 100 sq. ft.
Thickness	12.5 dry mils per coat
Number of Coats	Top Coat & Base Coat
Dry Time**	1-4 Hours
Total Solids (by weight): (by volume):	As mixed 82% 68%
Elongation	186% (ASTM D-412)
Tensile Strength	551 psi (+/-25) (ASTM D-412)
VOC Content	246 g/L

\*\*Dry time for Activate LS will vary depending on temperature and humidity.

### Application:

**Mixing/thinning:** Always mix Activate LS thoroughly before use.

**Surface Preparation:** The substrate must be structurally sound, solid, clean and dry. On certain decks and surfaces, proper installation of drains, vapor retarders, roofing vents, expansion joints, flashings, and positive slope to drain will be required. The application surface must be finished, smooth and free of grease, wax, dirt, contaminants, moisture and other matter that would interfere with adhesion. It must also be free of chips loose roofing or other foreign matter. Do not apply to SPF foam surfaces with texture of “verge popcorn” “popcorn” or “tree bark”.

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**Application:** The recommended application rate is 1.25 gallons per 100 sq. ft. of Activate LS top coat and 1.25 gallons per 100 sq. ft. of Activate LS base coat. Under very irregular roofing substrate conditions more product may be required. Must be applied in a continuous, unbroken film of dry thickness no less than 12.5 mils per coat over entire roof. If roofing granules are to be used, they **MUST** be embedded using a second application of top coat at 1.4 gallon per 100 sq. ft. Quartz granules should be applied at a minimum of 40 lbs. per 100 sq. ft.

### Clean Up:

Uncured silicone coating can be cleaned or equipment can be flushed with VM&P Naptha or Mineral Spirits.

### Disposal:

Dispose of contents and empty containers according to local, state and federal regulations governing hazardous waste. Keep out of trash, water, and sewer and drainage systems.

### Safety:

**Warning:** HARMFUL IF SWALLOWED. Causes skin irritation. Combustible.

**PRECAUTIONARY STATEMENT(S):** Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. May cause eye, and respiratory system irritation. Keep out of the reach of children. If spraying use a NIOSH-approved dust/mist mask.

### RESPONSE/FIRST AID

#### EYE CONTACT:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek immediate medical attention. If a contact lens is present, **DO NOT** delay irrigation or attempt to remove the lens until flushing is complete.

#### SKIN CONTACT:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists.

### INHALATION:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

### INGESTION:

If product is swallowed, call physician or poison center for most current information. If professional advice is not available, **DO NOT INDUCE VOMITING**. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**VOC:** Less than 250 g/L

For US Health Hazard Information, call:

**1-888-786-0974**

### Storage:

Keep containers tightly closed when not in use. Store in a cool place, above 40° F. Keep from freezing.

**Please Note:** *Previous field- applied coatings and residential properties are not warrantable.*



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