

## ALDOSIL 397F High-Solids Silicone Roof Coating

### DESCRIPTION:

AldoSil 397F is a high-yield, low-VOC, one-part silicone elastomeric coating specifically designed for use in roofing applications as a protective coating over a variety of roofing substrates. Once cured, this liquid applied silicone coating provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction. Primers may be needed depending on the substrate. Adhesion tests are required.

### SUITABLE SUBSTRATES:

- EPDM
- PVC & Hypalon
- Aged TPO
- Concrete
- BUR Surfaces
- Granulated Modified Bitumen
- Metal
- New Spray Polyurethane Foams

### INSTALLATION INSTRUCTION:

**SURFACE PREPARATION:** The surface must be free of any oils, moisture, rust scale, soil or other contaminants that may interfere with good adhesion. Remove any loose material from seams or other surfaces with a wire brush or scraper. Oil and grease should also be removed with an appropriate cleaner. In many cases high pressure water blast will be sufficient to prepare the surface.

**APPLICATION INSTRUCTIONS:** Apply only when ambient temperatures are 50°F and rising, and substrate temperatures do not exceed greater than 130°F. For best spray application, the product should be at a minimum of 60°F. Lower temperatures can be utilized for brush/rolling applications. When exceeding 24-wet mils or using dark colors, the likelihood of blistering increases.

### PACKAGING:

5-gal plastic pail	58 lbs.	36-per pallet
55-gal plastic drum	647 lbs.	4-per pallet

### TECHNICAL DATA:

Viscosity @ 78°	5,000 cps
Permeance	8.7 perms
Solids (% by weight)	97%
Weight (lb./gal.)	11.4 lbs
Elongation	235%
Tensile Strength	478 psi
VOC Content	< 25 g/l
Solar Reflectance	0.84
Thermal Emittance	0.91
SRI Value	106
Shelf Life	24-months
Standard Color(s)	White, Tan, Gray

### PRECAUTIONS:

**PREVENTION:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

**RESPONSE:** IF exposed or concerned: Get medical advice/attention. Specific treatment (See Section 4 of this SDS). IF ON SKIN: Wash with plenty of water and soap. Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**UNKNOWN ACUTE TOXICITY:** 47% of the mixture consists of ingredient(s) of unknown acute dermal toxicity. 95.5% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

**OTHER INFORMATION:** Causes mild skin irritation.

### STORAGE & HANDLING PROCEDURES:

Store locked up. Shelf life is 24-months if stored in original unopened containers. Store between 45°F and 95°F. Do not heat with an open flame. All containers must be sealed when not in use. Wear protective gloves, protective clothing, eye protection, and face protection. If exposed or concerned: Get medical advice or attention. Clean equipment and any over-spray with AldoThinner.

### WARRANTY & DISCLAIMER:

Inland Coatings, Inc. (Inland) warrants that this product conforms to the published product specifications as of the date of manufacture. Inland does not make, nor does it authorize anyone to make, any warranty of merchantability or fitness for any purpose, or any other warranty, guarantee, or representation. INLAND HEREBY DISCLAIMS ANY AND ALL EXPRESS, IMPLIED, OR STATUTORY WARRANTIES. The sole obligation of the manufacturer, distributor, and/or seller of this product shall be the replacement of product proven to be defective in manufacturing if written notice is received within one year of the date of purchase. There shall be no liability for injury, loss, or damages, either direct or consequential, arising out of the use or inability to use this product. Failure to notify the manufacturer prior to remedy or resolution voids the warranty and the manufacturer's liability.

