

# SOLAR COATING SYSTEMS



## SCS STANDARD NON-FIBERED ALUMINUM

**SCS STANDARD NON-FIBERED ALUMINUM** is a #1-1/2 lb. quality professional grade non-fibered reflective aluminum coating. The aluminum pigment enables it to form a brilliant silver shield to reflect the sun's UV radiation. Also serves as a rust inhibitor and will aid in the prevention of corrosion for metal roofs.

**PREPARATION:** All surfaces must have proper drainage and be clean. Repair all leaks and problem areas with compatible Solar Coating Systems Products. When applying this product over a new roof system or solvent based product, surface must weather a minimum of 30 days and up to 90 days depending on application. **DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS**

**FOR BEST RESULTS:** Stir contents before and during use as required. Aluminum pigment settles out and thorough stirring is necessary to re-dispense this compound prior to use. A power drill mixer can be very helpful to mix product. In cold weather, store product in heated room (65°-80°F) at least 24 hours prior to coating.

**APPLICATION:** Coverage rates vary with surface. Bur cap sheet roof, 1 gal per 75 sqft., Smooth surface and metal roof, 1 gal per 100-125 sqft. Avoid roof traffic once applied. Spray info: 500-1000 psi @ .061 tip size. 3-6 GPM topcoat, 2-4 GPM BUR. Clean up with mineral spirits or paint thinner. Not recommended on roofs with slopes less than 1/8" per foot, or in areas of ponding water.

**Regulatory/Environmental Characteristics:**

|  |                          |
|--|--------------------------|
| Volatile Organic Compound              | 500 g/l max. 4.2lbs./gal |
| HMIS Rating                            | H-1,F-2,R-1 PP-X         |
| RCRA Hazardous Substances              | yes, D001                |
| SARA Title 111 listing:                | RQ value 100lbs.         |
| Sec.302 Extremely hazardous substances | no                       |
| CERCLA Hazardous substances            | no                       |
| Sec 313 Toxic Chemicals                | no                       |

**California Prop 65: Chemical Warning:**

**(California Health and Safety Code #25249.5 ET SEQ)** Detectable amounts of some chemicals known to the state of CA to cause cancer, birth defects or other reproductive harm may be found in Solar Coating Systems petroleum based products and their vapors. Read and follow label directions and information on MSDS sheets and use care when handling or using petroleum products

**TYPICAL PROPERTIES**

|                           |                                |
|---------------------------|--------------------------------|
| Weight per gallon         | 8.4-8.9 lbs.                   |
| Reflectivity (ASTM C-523) | 0.60%                          |
| Residue by evaporation    | 60 %                           |
| Metallic Aluminum         | 11%                            |
| Combustible solvents      | Mineral spirits                |
| Consistency               | brush, roll or spray           |
| Cure Time (50% RH, 70° F) | 4-8 hours                      |
| Full Cure (50% RH, 70° F) | 24-48 hours                    |
| Application temperatures  | 50°-120° F                     |
| Flammability              | 105° F                         |
| Clean-up Tools            | paint thinner, mineral spirits |

**Compliance:** ASTM D2824 Type 1  
UL Class A Rated  
CA Product meet LA County A.P.C.D. (rule #102)

**Approx. shipping weights:** 5 gal – 45 lbs  
55 gal drum - 516 lbs

**CAUTION – COMBUSTIBLE MIXTURE  
CONTAINS PETROLEUM DISTILLATE  
NYFD C of A #4792**

Call physician in case of.  
Ingestion – Do Not induce vomiting. Call physician immediately  
Eye Contact – Flush with plenty of warm water.  
Skin contact – Wash thoroughly with soap and water.  
Irregular or stopped breathing – administer oxygen, give artificial respiration. Get medical attention. Immediately

**USE WITH ADEQUATE VENTILATION  
KEEP OUT OF REACH OF CHILDREN  
VOC/VOS – 500 g/l max. (4.2 lbs/gal)**

**PRECAUTIONS:** When transporting, ensure lid is tight and pail is secure and upright. Do not store in temperatures above 110° F. Water may react with aluminum pigment to produce hydrogen gas, and explosion hazard. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding or moisture may prevail. For exterior use only. Do not reuse empty container.

**Warranty and Disclaimer:** For limited warranty and disclaimer information, contact Solar Coating Systems at 425 413-0545

|                   |                   |
|-------------------|-------------------|
| Petroleum Asphalt | C.A.S # 8052-42-4 |
| Stoddard Solvent  | C.A.S # 8052-41-3 |
| Aluminum Flake    | C.A.S # mixture   |