

# SOLAR COATING SYSTEMS



## SCS PREMIUM FIBERED ALUMINUM

**SCS PREMIUM FIBERED ALUMINUM** is a #2.0 lb., UL Rated, high quality professional grade fibered aluminum performance reflective coating. The high content of aluminum pigment in this product 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 75-100 sqft. Avoid roof traffic once applied. Spray info: 1000-2000 psi @ .071 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	8.6-9.1 lbs.
Reflectivity (ASTM C-523)	0.60%
Residue by evaporation	60 %
Metallic Aluminum	12%
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 111  
UL Class A Rated  
CA Product meet LA County A.P.C.D. (rule #102)

**Approx. shipping weights:** 5 gal – 46 lbs  
55 gal drum - 524 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
Cellulose fiber	C.A.S. # 9004-34-6