

Solar-Guard™ TECHNICAL DATA

Acrylic Urethane Coating

**Floor Topcoat
Waterproof Sealer
UV Blocker**

**Single Component Product
Excellent UV Protection
VOC Class: Floor VOC - 133 g/l**

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>Solar-Guard™ is a non-yellowing, 36% solids, single component, clear acrylic urethane coating with excellent wear and adhesion properties used over our epoxy floors to reduce epoxy yellowing. Solar-Guard acts to protect substrate material from harmful UV light. UV light is the portion of sunlight that degrades and discolors many types of coatings and coverings.</p> <p>This product is not Southern California VOC compliant and cannot be sold in those counties.</p>
<p>USES</p>	<p>U.V. Blocking topcoat/sealer for epoxy surfaces</p>
<p>FEATURES</p>	<p>Protects by absorbing harmful UV light Water-based - Low odor Non-Yellowing Gloss Finish VOC Compliant Good Chemical Resistance Single or Multiple Coat Application No Induction Time</p>
<p>PHYSICAL PROPERTIES</p>	<p>APPLICATION TEMPERATURE AND HUMIDITY 55°F to 85°F @ less than 75% relative humidity COVERAGE approx. 400 - 500 sq. ft. per gallon DRY TIME 15 minutes @ 75°F READY FOR RECOAT 6 - 8 hours READY FOR FOOT TRAFFIC 3 - 4 hours READY FOR HEAVY TRAFFIC 8+ hours BOND STRENGTH 400+ psi w/concrete failure (ASTM D-4226) % SOLIDS by VOLUME 36% (ASTM D-1484) APPLICATION METHOD 1" nap roller or brush UV LIGHT RESISTANCE Excellent (QUV) HARDNESS (SHORE D) 80+ (ASTM D-2240) VOC 133 g/l (EPA Method 24) GLOSS (60°) 85+ IMPACT RESISTANCE >160 in-lbs (ASTM D-2794) INDENTATION None (MIL-D-3134F) SHELF LIFE 6 months (between 50°F and 85°F) HEAT RESISTANCE LIMITATION .. 140°F constant, 200°F intermittent WATER ABSORPTION 0.8% (ASTM C-413) COEFFICIENT OF FRICTION 0.8 (ASTM F-609) VISCOSITY 25+/- cos</p>
<p>SAFETY INFORMATION</p>	<p>FLASH POINT Over 200°F (PMCC) FLAMMABILITY Self-Extinguishing (ASTM D-635) STORAGE Do not freeze</p>

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SURFACE PREPARATION	Solar-Guard must be applied over a smooth, clean surface.
FOR BEST RESULTS	<p>DO NOT thin this product. Test for adhesion on concrete. DO NOT Exceed Recommended coverage rates. DO NOT use in high humidity DO NOT allow material to puddle during application. Allow each coat to dry 6-8 hours before recoating. Discard any material subjected to freezing. DO NOT apply to structurally unsound surfaces. Apply a test patch to ensure adhesion to previous coating. DO NOT allow contact with bare, acid etched or acid stained concrete. Contact will cause untreated concrete to turn bright yellow.</p>
MIXING AND APPLICATION	<p>Solar-Guard is a single component material. Once the container has been opened, this material may skin over if it is not agitated for long periods. Using any product that has been exposed to air for an extended period of time will result in variable results. Therefore, any opened product with extensive skinning should be discarded. Apply all material to the surface as quickly as possible.</p> <p>Spread the product using a long nap roller or brush.</p>
CLEAN UP	Application equipment should be cleaned using soap and water, immediately after use.
DISPOSAL	Empty containers may contain product residue. Label warnings must be observed until containers have been commercially cleaned or reconditioned. Containers to be thrown out must be disposed in accordance with federal, state and local regulations. Use only licensed hazardous waste disposal companies.
TRANSPORTATION	USDOT, IATA & IMO "Non-Regulated"

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

WARRANTY DISCLAIMER: The technical data given herein has been compiled for your help and guidance and is based upon our experience and knowledge. However, as we have no control over the use to which this information is put, no warranty, express or implied is intended or given. We assume no responsibility whatsoever for coverage, performance or damages, including injuries resulting from use of this information or of products recommended herein. The sale and use of this product is governed by Progressive Products, Inc.'s Warranty Disclaimer and Return Policy.

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