

PRODUCT DESCRIPTION

GPS UV 100 100 is a polyester, aliphatic, single component, liquid-applied, moisture-cured, polyurethane topcoat for waterproofing membrane systems. GPS UV 100C is for use in California in order to be in compliance with the State's air quality standards. GPS UV 100SC is intended for use in Southern California specifically to be in compliance with SCAQMD air quality standards. This product is durable and offers excellent UV resistance and long term gloss retention. GPS UV 100 products can be applied on concrete and most wood, masonry and metal surfaces. It can also be used for re-sealing existing polyurethane surfaces.

TYPICAL PROPERTIES*

Dry Film Thickness per coat at one gallon/100 sq. ft. _____	Specific Gravity _____
_____ 10 ± 2 mils	_____ 1.14
Hardness, ASTM D-2240 _____	Total Solids by Weight, ASTM D-236 _____
_____ 95 ± 5 Shore A	_____ 70 ± 2%
Tear Resistance, ASTM D-412 _____	Total Solids by Volume, ASTM D-236 _____
_____ 500 psi ± 50 pli	_____ 61 ± 2%
Tensile Resistance, ASTM D-412 _____	Viscosity at 75°F (24°C) _____
_____ 3800 psi ± 500 psi (26.2 ± 2.1 mpa)	_____ 1200 ± 600 cps
Ultimate Elongation, ASTM D-412 _____	Volatile Organic Compounds _____
_____ 250%	_____ 2.79 lb/gal (334 gm/liter)

* Properties for GPS UV 100 only. For UV 100C & UV 100SC, consult your GPS representative.

PACKAGING, STORAGE AND SHELF LIFE

One gallon (3.78 liter) can. Five gallon (18.9 liter) pail. 55 gallon drum, net fill 50 gallons (189 liters). GPS UV 100 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers.

SAFETY PRECAUTIONS

This product contains Isocyanates and Solvent. GPS UV 100 Clear is considered Dangerous Goods. DOT regulations classify it as: UN 1263, PAINT, Class 3, PG III, FLAMMABLE LIQUID.

MIXING

Before application, mix GPS UV 100 using a mechanical mixer at slow speed until a homogeneous mixture and color is obtained. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life.

APPLICATION

Apply GPS UV 100 evenly over the entire deck. For best results, airless sprayer or phenolic resin core roller may be used but extra care should be taken not to cause air bubbles. GPS UV 100 may require more than one coat depending on the job specifications and requirements. When estimating material requirements, coverage rates tend to increase for subsequent coats of material. To obtain proper adhesion between coats it is imperative that recoating be done within 48 hours.

When GPS UV 100 Clear is used as a seal coat only, the surface must be clean, dry and primed to achieve proper adhesion to the surface. The primer may discolor when used under GPS UV 100 Clear as a seal coat. Requires a continuous coating application to minimize lines and/or streaking.

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure 16 hours between each coat. Cure time will vary depending on temperature and humidity. Allow 24 hours before permitting light pedestrian traffic and at least 72 hours before permitting heavy pedestrian or auto traffic on to the finished surface. If more than 48 hours passes between coats, re-prime the surface before proceeding. Uncured GPS UV 100 is very sensitive to heat and moisture.

Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time. If accelerated curing is required, consult your GPS representative.

WARRANTY

GLOBAL POLYMER SOLUTIONS warrants this product to be free of defects in material and workmanship. GLOBAL POLYMER SOLUTIONS's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at GLOBAL POLYMER SOLUTIONS's option, to either replace the products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by the Buyer to GLOBAL POLYMER SOLUTIONS in writing within (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify GLOBAL POLYMER SOLUTIONS of such nonconformance as required herein shall bar Buyer from recovery under this Warranty.

GLOBAL POLYMER SOLUTIONS makes no other warranties whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall GLOBAL POLYMER SOLUTIONS be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by GLOBAL POLYMER SOLUTIONS, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

LIMITATION OF LIABILITY

GLOBAL POLYMER SOLUTIONS's liability on any claim of any kind, including claims based upon GLOBAL POLYMER SOLUTIONS's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which gives rise to the claim. In no event shall GLOBAL POLYMER SOLUTIONS be liable for consequential or incidental damages.

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