

PRODUCT DESCRIPTION

GPS-9205 is an UV resistant plural component, solvent-based, liquid-applied, aliphatic acrylic polyurethane topcoat. It's designed to provide a high level of UV protection and resistance to weathering and the effects of water. GPS-9205 is ideal for refinishing previously applied topcoats. This product is specifically formulated for application over GPS polyurethane and polyurea hard coats.

TYPICAL PROPERTIES

Solids, by Volume _____ 34.1%
VOC _____ 5 lbs/gal (600 gm/l)
Coverage rate (One gallon) _____ 350 sq. ft.
Mix Ratio (by volume) _____ 1A : 3B
Dry film thickness per coat (½ gal per sq. ft) _____
_____ 5 ± 1 mil (127 ± 25 mic)
Color(s) _____ Neutral
Pot Life @ 75°F/ 24°C (50% RH) _____ 6 hours
Tack Free Time, 80°F (27°C) _____ 30-40 minutes

Recoat Time, 80°F (27°C) _____ 1-8 hours
Pencil Hardness _____ 2H
Viscosity, 75°F (24°C), Brookfield,
Part-A & B Combined _____ 100 ± 50 cps
FlexibilityD-1757 8" Mandrel Bend Test _____ Passes
Accelerated Weathering (QUV 313B) _____ No Cracking,
chalks or loss of properties after 2000 hours

PACKAGING, STORAGE AND SHELF LIFE

Four gallon kit: One 1 gallon (3.78 liter) can of Part-A and three one (1) gallon (3.78 liter) cans of Part-B, each containing one (1) gallon.

GPS-9205 has a shelf life of one (1) year from date of manufacture in original, factory sealed containers. Part-A and Part-B must be stored above 60°F (15°C). Avoid freezing temperatures. Store the containers on wooden pallets to avoid direct contact with the ground.

SAFETY PRECAUTIONS

GPS-9112 IS FOR INDUSTRIAL USE ONLY. Avoid contact with eyes, and skin; do not inhale or ingest. When working with this material wear goggles, rubber gloves and a respirator. When spraying in a confined area, also wear a fresh air hood and make provision for forced ventilation. Refer to MSDS regarding individual components. This product contains Isocyanate.

MIXING

The volume mixing ratio for GPS-9112 is 1 part Part-A to 3 parts Part-B. GPS-9112 Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand. Once the components are thoroughly mixed together, wait for at least 10-15 minutes before beginning application.

APPLICATION PROCEDURES

GPS-9112 should be applied at the rate of 1 gallon per 300 sq. ft. (0.135 liters/m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller. Start applying the topcoat on the vertical surfaces/sides first from top to bottom and then the horizontal surfaces/floors to have an even uniform application.

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A normal application requires two coats. A third coat may be necessary for maximum protection. Proper care should be taken to ensure complete coverage of each coat without voids or pinholes. If applied too thick, the coating may bubble.

Allow GPS-9205 to dry completely. Normal cure time is 4-8 hours. Lower temperatures will extend cure time.

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.