

PRODUCT DESCRIPTION

GPS-9112 is a low odor 100% solids, solvent-free, two-component, liquid applied polyurethane primer. This product is ideal for metal, glass reinforced plastic (GRP) and elastomeric polyurethane surfaces.

TYPICAL PROPERTIES

Solids, by Volume _____ 100%
VOC _____ 0 lbs/gal (0 gm/l)
Coverage rate (per 400 sq. ft) _____ One gallon
(1.13 liters/m²)
Mix Ratio (by volume) _____ 1A : 2B
Dry film thickness per coat (½ gal per sq. ft) _____
_____ 4 ± 1 mil (102 ± 25 mic)
Color(s) _____ Part A = Black, Part B = White
Pot Life @ 75°F/ 24°C (50% RH) _____ 20 – 30 min.
Hardness (ASTM D 2240) _____ 70 ± 5 D

Specific Gravity,
Part A _____ 1.23
Part B _____ 1.65
Viscosity at 75°F/24°C,
Part A _____ 200 ± 100 cps
Part B _____ 4000 ± 500 cps
Flash Point, PMCC _____ 24°F (-4°C)

PACKAGING, STORAGE AND SHELF LIFE

Three gallon kit: One - 1 gallon (3.78 liter) can of Part-A Black Liquid, net 1 gallon and One 3.5 gallon pail of Part-B White Liquid, net 2 gallons (7.56 liter). 15 gallon kit: One - 5 gallon (18.9 liter) pail of Part-A Black Liquid, containing 5 gallons. Two - 5 gallon (18.9 liter) pails of Part-B White Liquid, each containing five gallons.

GPS-9112 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.

MIXING

GPS-9112 may not be diluted under any circumstance. The volume mixing ratio: One part Part-A Black Liquid to two parts Part-B White Liquid. GPS 9112 Part-B should be thoroughly mixed 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 five minutes if mixed by hand.

APPLICATION PROCEDURES

GPS-9112 should be applied at the rate of one gallon (mixture of Part-A & Part-B)/400 sq. ft. (0.102 liters/m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow GPS-9112 to become nearly tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). If GPS-9112 is allowed to dry completely, re-prime the surface before proceeding.

GPS-9112 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the 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.