

PRODUCT DESCRIPTION

GPS-9042 is a 100% solids (Zero VOC) two component, high solids, liquid applied primer. This surface tolerant primer is used on carbon steel, non-ferrous metal, fiberglass, PVC pipe, as well as concrete and masonry. For ease of application, this product can be applied by spray, roller or brush.

TYPICAL PROPERTIES

Solids, by Volume _____ 100%
Mix Ratio (by volume) _____ 2A:1B
Coverage _____ One gallon per 300 sq. ft. (0.135 m^2)
Pot Life _____ 20-30 min. @ 75°F (24°C)/50%RH
Dry Film Thickness per coat _____ 5 mil (\pm 1mil)
Volatile Organic Compounds
ASTM D-2369-81(120°F (49°C)) _____ 0.75 lbs/gal

Specific Gravity
Part A _____ 1.09
Part B _____ 1.07
Viscosity, at @ 75°F (24°C)
Combined A & B _____ 600 \pm 50 cps
Sag Resistance @ 75°F _____ 5-6 mil

PACKAGING, STORAGE AND SHELF LIFE

Three (3) Gallon Kit: Two one (1) gallon cans of Side-A and One 1 gallon can of Side-B. 15 Gallon Kit: Two five (5) gallon pails of Side-A and One five (5) gallon pail of Side-B.

Material has a shelf life of 12 months after the date of manufacture if properly stored. Refer to Batch Number on product label for date of manufacture.

SAFETY PRECAUTIONS

GPS-9042 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. **WARNING: This product contains Epoxy Resin and Curatives.**

MIXING

The volume mixing ratio is two (2) parts Side-A to one (1) part Side-B. Do not estimate. GPS-9042 Side-A and Side-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.

APPLICATION GUIDELINES

Apply over prepared or suitably prepared carbon steel, galvanized steel, concrete or aluminum.

Surface Preparation Method:

Carbon Steel: SSSP-SP-2, 3, 6 or SP-12 (WJ-3).

Aluminum: Alondine®, Alumiprep® or light abrasive blast.

Galvanized Steel: Galvaprep or light abrasive blast.

Concrete: SSSP-SP-7 Brush-Off Blast.

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Application temperature for GPSs-9042 should be between 60-90°F (15-32°C). Do not apply product unless temperature is at least 5° above the dew point. Re-coat schedule is 2-36 hours dependent upon environment. See Specification Guide for re-coating guidelines and additional information.

Airless Spray: Use Graco 28:1 pump or higher, Binks "Airless" spray gun with Reversa-Clean 0.017-0.019 spray tips with a 1" fluid line, adjust pump pressure to the lowest possible setting that provides proper atomization. Equipment of equal performance is acceptable.

Conventional Spray: Variations of conventional production spray equipment such as pressure pot, air assisted airless or high volume, low pressure systems as supplied by Binks, Graco, Nordson, Devilbiss or equal may be used. See Specification Guide for additional information.

Brush: Use mohair or natural bristle brush with feather edge.

Roller: Use phenolic core, short nap sheepskin or equal natural roller covers.

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.