

## POLYASPARTIC ACRYLIC URETHANE GLOSS

Product Data Sheet (Revised 24/11/21)

### PRODUCT CATEGORY

High Performance Coatings – Industrial (Heavy Duty)

### PRODUCT CODE

52-7000

### DESCRIPTION

A high build, high performance, two component aliphatic urethane.

### RECOMMENDED USE

For use on properly prepared steel, galvanized, aluminum and concrete floors. For use on exterior or interior structural steel, piping, metal buildings, conveyors, pumps, storage tank exteriors, motors, machinery and transportation vehicles. Can be used on heavy service areas for food processing, dairies, restaurants, hospitals, showrooms and arenas.

### FEATURES AND BENEFITS

Quick dry time, fast recoat, high gloss finish, hard durable finish, excellent abrasion resistant, chemical resistant, tintable, low VOC, high build application, suitable for direct to metal application.

### PACKAGING

3.7 L Can, 18.9 L Pail

### TINT AND BASE INFORMATION

White, Black and Clear and Tinted Base to a variety of colors

### PRODUCT DATA

**Mix Ratio:** 1 part of Part A : 1 part of Part B ( By volume ) Data below based on potted mix.

**Gloss:** Gloss, 85 or above at 60°

**VOC:** 135 g/l

**Coverage:** Theoretical :Approx 1400 sqft / gal at 1mil DFT

**DFT:** 6 mil to 12 mil recommended

**Weight-Volume:** Approximately 1.25 kg/ litre

**Volume-Solids:** Approx. 87% solids by volume

**Weight-Solids:** Approx. 87% solids by weight

**Drying Time:** (@ 25°C) Dust free: 30 minutes,  
Recoat: 1 hour, Hard Dry: 2.5 hours

**Clean up:** Clean with thinners (85-0337)



### MIXING & APPLICATION INFORMATION

Mix 1 part of "A" with a power agitator and add 1 part of "B" curing agent and mix thoroughly before and during use. Pot life: Approx 1 hour at 25°C. Air or airless spray application is recommended. (Conventional Air: 0.07" fluid tip is recommended) (Airless:3000 psi with 0.015"- 0.019" tip) (Brush: Natural Bristle Brush) (Roller: Limited use, 9-10mm nap, solvent resistant core) Thinning is not required for most applications. If desired, a small amount of 85-0337 solvent can be used if desired and permitted by local VOC regulations.

### SAFETY

Proper safety procedures should be followed at all times while handling this product. In confined areas, personal protection equipment and explosion proof application equipment should be used. Keep containers away from heat, flame or sparks when not in use. Use with adequate ventilation. Keep from the reach of children. Read all label directions and Safety Data Sheet for health and safety information prior to use.

### GENERAL SURFACE PREPARATION

The surface to be coated must be dry, clean and free of oil, grease, release agents curing compounds and foreign material. Remove all rust mill scale and loose paint before application. Steel: Use abrasive blast to minimum SSPC-SP6. For best appearance, the primer or undercoat should be smooth and free of any surface defects. Prime using an phenolic (50-6017) or epoxy based primer (60-1013). For galvanized steel: Remove dirt and oil by using a solvent cleaner and rinse. Prime with a suitable primer before applying urethane coating. For direct to metal use, blast with abrasive to SSPC-SP7 and prime with a suitable primer. For concrete: Let concrete cure for at least 30 days, use acid etch or use abrasive blast. Prime with epoxy primer. (60-1013).

### LIMITATIONS OF USE

Apply only when ambient and surface temperatures are above 5 degrees Celsius. For professional use only. Immediately after use place rags, steel wool and waste soaked with the product in a water filled metal container.

### DISPOSAL

Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

### DISCLAIMER

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