

SlideRenu®

Adhesion Base Coat (ABC) Primer™

WATER SLIDE PRIMER

PRODUCT DATA SHEET



DESCRIPTION: All SlideRenu® coatings have been uniquely formulated to resurface dull color faded water slide surfaces, aquatic play features and to re-paint water slide towers. ABC Primer™ is a high-solids deep penetrating white fiberglass primer that can be tinted (see back for colors). ABC Primer™ forms a chemical bond directly to gelcoat or any other paint that has been applied to fiberglass or concrete water slides. The primer has been engineered as a “tie-coat” to any water slide substrate and SlideRenu® ColorShield™ UV4 PolySilox Gelcoat. It may also be used as a metal primer to inhibit corrosion when re-painting metal aquatic play features. It is recommended that ABC Primer™ be used to seal exposed fiberglass strands and other surface imperfections or repairs prior to applying ColorShield™ UV4 PolySilox Gelcoat. ABC PRIMER™ MUST BE USED ON ALL WATER SLIDES 20+ YEARS OLD.

CHEMICAL DESCRIPTION: ABC Primer™ is a high solids (83%), two component low VOC (meets California VOC regulations) solvent epoxy resin system that has deep penetrating and bonding characteristics to fiberglass, metal and concrete.

STORAGE: Store in a clean, warm area where the temperature remains between 60-90°F or 15-30°C. Cold products are somewhat viscous and will be difficult to mix and apply. Heating of the individual components to 100°F - 30°C prior to mixing may be required to bring the products to the recommended temperatures. This product has a maximum shelf life of one (1) year when stored at 70°F or 20°C in the original sealed container.

SURFACE PREPARATION: Before applying directly to any water slide surface, it is critical to remove wax, release agents, sun tan and sun screen lotions, hard water mineral deposits, calcium scale build-up, rust stains, mold, mildew and all other surface contaminants with a pressure washer (3500 PSI HOT WATER recommended) and SlideRenu® SlidePrep™. For tough to remove surface contaminants and scale, use Calcitrol®. (Refer to the Product Data Sheet for application instructions for all SlideRenu® products). After the water slide surface is clean, it must be sanded with 60-80 grit wet sandpaper and wiped down with acetone before applying SlideRenu® ColorShield™ UV4 PolySilox Gelcoat. When applying ABC Primer™ directly to metal, the surface should be cleaned with SlideRenu® SlideDetergent™ and Calcitrol®, sanded with 120-220 grit wet sandpaper and wiped down with acetone before applying a top coat.

APPLICATION EQUIPMENT: Brushes – short bristle, natural and high density foam brushes; Rollers – short nap (3/8” max.) non-shedding; microfiber or high density foam roller covers with a phenolic core; Pads – ¼” synthetic applicator pads. Replace when brushes, rollers and pads become stiff. Spray Equipment – HVLP, airless (tip size .017-.021) or conventional spray system.

MIXING: ABC Primer™ may be thinned with xylene solvent up to 10% of the combined Part A and Part B mixed volume. The mixing ratio is 1 Part A to 1 Part B by volume. Stir Part A separately before combining with Part B. Mix the products using a paint agitator on slow speed for about 1-2 minutes. Pot life begins to be reduced if ambient temperature exceeds 85°F or 29°C. Put lid on container when not in use. The pot life is +/- 2 hours, depending on temperature and humidity, which allows the applicator sufficient open time to hand apply or spray the coating. ABC Primer™ can cure at temperatures as low as 40°F or 5°C and at high levels of humidity with proper

procedures. Dry times under ideal temperature conditions (70°F or 21°C / 40° Relative Humidity) are +/- 4 hours to touch and a functional cure is achieved in 24 hours.

APPLICATION: For hand application, break down the one gallon kits into smaller manageable portions such as roller pans or small buckets; about ½ gallon of mixed product per applicator is recommended. This will keep the product cooler and improve usable life. For interior RAFT riding paths, the coating thickness should be a minimum of 2-3 DFT and 1-3 DFT for interior BODY riding paths. Approximate theoretical coverage is 555 Sq. Ft. per gallon at 2 DFT mils. The coating should be tack-free in approximately 2 hours at 70°F or 20°C and reach a functional cure in 24 hours and a final cure in 48 hours at 70°F or 20°C. The minimum recoat time is 3 hours. Minimum application temperature is 50°F or 10°C. If the SlideRenu® ColorShield™ UV4 PolySilox Gelcoat cannot be applied over the ABC Primer™ within 24 hours, the surface must be lightly sanded with 220 grit wet sandpaper and wiped down with acetone.

IMPORTANT: If the surface is not void of contaminants, sanded, thoroughly rinsed and wiped down with acetone, the coating may not adhere properly. Failure to sand, rinse and solvent-wipe the surface may cause the primer may not to adhere properly. Drying times are dependent upon temperature and humidity conditions. High humidity can slow down dry time. DO NOT APPLY WHEN SURFACE TEMPERATURE IS OVER 100°F or 38°C. THIS WILL CAUSE THE PRIMER TO “FLASH DRY” AND SUBSTANTIALLY REDUCE ITS ADHESION TO THE SURFACE.

CLEAN-UP: Use xylene to clean up spray equipment. Wash hands with a mild citrus-based soap.

PRECAUTION: Use only with adequate ventilation when applying indoors. Avoid breathing vapor and spray mist. USE A BREATHING MASK AND PAINTER’S HOOD. Avoid contact with skin and eyes. WEAR FULL LENGTH PANTS AND SHIRTS. Wash hands after using product with a citrus-based soap. Keep all containers closed when not in use. ALWAYS USE PROTECTIVE EQUIPMENT. Do not take internally.

FIRST AID: In case of contact: **EYES:** Immediately flush with water for at least fifteen (15) minutes. **SKIN:** Immediately remove from skin with dry cloth followed by thorough washing with a citrus-based soap and water. **INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. **INGESTION:** Give large quantity of milk or water, induce vomiting. Contact a physician immediately.

FOR INDUSTRIAL USE ONLY. READ PRODUCT DATA & SDS SHEET CAREFULLY BEFORE USE. IN AN EMERGENCY CALL 412-434-4515. REFER TO ITEM CODE #00333576 (PART A) OR ITEM CODE #00333620 (PART B) WHEN CALLING. DO NOT TRANSFER CONTENTS TO UNLABELED CONTAINERS. STORE BETWEEN 60°F (16°C) AND 90°F (32°C). KEEP OUT OF REACH OF CHILDREN.

This product is available in one gallon containers and sold exclusively by AquaShield Products, LLC.

#SR88129A

UN 1263 - HM CLASS 3 • PG III - “PAINT” • HS 320990 - NMFC 149980 • FRT 55/60



#SR88129B

UN 3469 - HM CLASS 3 (8) • PG III - “PAINT, FLAMMABLE, CORROSIVE” HS 320990 - NMFC 149980 • FRT 53/60



AquaShield Products, LLC
www.SlideRenu.com

5896 Chandler Court, Westerville, Ohio 43082

Sales: 614-948-2554 • Service: 614-948-2557 • Technical Support: 440-781-0051