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H2 Hold[®] Flexible, All Purpose Epoxy

Technical Data Sheet

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PRODUCT DESCRIPTION: H2 Hold[®] Underwater Epoxy is a flexible, toughened, non-corrosive, structural adhesive specially designed for various applications and substrates, including wet or dry bonding of ABS, PVC, flexible PVC, CRS, composites, wood and cement. Works on almost anything, anywhere. Sticks and cures underwater. Flexible bond, bends without breaking. Shock and vibration resistant.

WORKS BEST ON: PVC, fiberglass, wood, metal, acrylic, flexible fabrics, ceramics, masonry, plastic and glass. Also use for bumper and side panel repair. **DO NOT USE ON AREAS THAT WILL COME IN CONTACT WITH FOOD RELATED ITEMS.**

Important Bulletin for Aquarium Owners: Due to the many variables possible with respect to the safety of aquatic life, there is no simple way to declare epoxy completely safe for all aquatic life. Therefore we do not recommend that this epoxy be used on the inside of aquarium tanks.

PRODUCT FEATURES:

Tensile Strength: 1800 psi

Color: Off White

Waterproof

Working Time: 15-30 minutes

Can be Handled In: 1-2 hours

Functional Cure: 24 hours

Full Bond: 7 days

Temperature Range: 40°F to 200°F

Chemical Solvent Resistance: **Epoxies are generally not recommended for long term exposure to chemicals and solvents. Do not use to seal fuel containers; the fuel will dissolve the epoxy.**

Storage: Store in original containers in cool, dry environment.

SURFACE PREPARATION: Slightly roughen clean and dry surfaces before applying epoxy.

REMOVAL METHODS: Wash hands with soap and water immediately after use.

Once product is cured, removal is best accomplished by warming then mechanical removal. Can chip or sand from surface.

HELPFUL HINTS: It is important to thoroughly mix the two parts of the epoxy above water per the directions supplied before applying underwater.

Heat is generated while the epoxy mixture cures. The more epoxy and hardener that is mixed together, the more heat that is generated causing the epoxy mixture to cure faster. Only mix the amount of epoxy and hardener together that can be used within the working time.

Equal portions of the hardener and resin must be thoroughly mixed together in order for this product to cure properly. The most common problem with a two-part epoxy product is not mixing it thoroughly; it will not cure and will remain tacky. It is recommended that these epoxies be mixed on a clean surface (such as a paper cup, in the inside of the blister it is packaged on or etc.); do not mix it directly on the surface to be repaired. Once the product is thoroughly mixed, it can be applied to the repair area(s). *Please note, during the mixing process, be sure to scrape the sides and bottom into the mixture so that you are mixing all of the epoxy resin and hardener together*

Can be sanded (best to wait 3 days curing time at 70°F before sanding) Can be painted, but not stained.

See MSDS for more complete information, safe handling instructions and first aid.

Non-Regulated

Part Number(s): 22445, 22429

The technical data contained herein are intended as a reference only

