

# Madewell® 1450™

## Aliphatic Polyurethane Coating



### FEATURES/BENEFITS

<p>SUPERIOR GLOSS RETENTION RESISTS UV DEGRADATION IMMERSION IN FRESH AND SALT WATER</p>	<p>EXCELLENT COLOR STABILITY TOUGH &amp; FLEXIBLE NON TOXIC &amp; EASY TO CLEAN SURFACE</p>
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### PRODUCT DESCRIPTION

**M**ADEWELL 1450 provides excellent performance on structures exposed to ultraviolet light. It is used for both new construction and for the rehabilitation of concrete surfaces in freshwater and saltwater aquariums and pools. **M**ADEWELL 1450 is typically used as a topcoat over other **M**ADEWELL 1312™ series coatings to provide ultraviolet light resistance and additional corrosion protection.

**M**ADEWELL 1450 is normally applied at a nominal thickness of 2.7 mils in a single coat. Its free spreading characteristics, fast set time, and ease of cleanup help to minimize labor costs and down time.

### PRODUCT DATA

#### COMPOSITION:

54% solids, aliphatic polyurethane top-coat.

#### FINISH:

Gloss.

#### COLORS:

White, light gray, blue; custom colors available upon request.

#### RECOMMENDED THICKNESS:

2.7 mils in one coat. Consult a Madewell Technical Representative for specific recommendations.

#### COVERAGE:

Approximately 960 square feet (ft<sup>2</sup>) per kit at 2.7 mils dry film thickness (DFT) (5 mils wet film thickness, WFT). Allowances should be made for waste.

#### PACKAGING:

3 gallon, two component kits standard; special packaging available.

#### MIXING RATIO:

Mix components at a volume ratio of 2 parts A to 1 part B. Whenever possible, avoid mixing partial kits.

#### MIXING:

This is a two component system. Each component (liquids A and B) should be at room temperature (73° Fahrenheit,

F) prior to mixing. The entire contents of each component should be thoroughly mixed individually before combining separate components together. If it is not possible to mix an entire kit, pour pre-measured quantities of each component into a clean container and blend thoroughly using a power agitator, such as a Jiffy® mixer, and a high strength industrial drill for a minimum of 3 minutes. Do not mix more material than can be used within stated working times.

#### WORKING TIME:

Approximately 2 hours at 70° F. The working time will be extended somewhat at lower temperatures and shortened at higher temperatures.

#### THINNING:

Typically not required. For applications requiring thinner, **M**ADEWELL 1550 may be thinned up to 10% by volume with **M**ADEWELL 415™ Thinner. Use **M**ADEWELL 415 to clean equipment. Contact a Madewell Technical Representative for more information.

#### APPLICATION:

**M**ADEWELL 1450 can be applied by conventional aerosol and or rolling

with a mohair roller. Contact a Madewell Technical Representative for specific recommendations.

#### CURE TIME:

To handle: 10 hours at 70° F.

Immersion service: 24 hours to 7 days, depending on temperature.

#### CLEAN UP:

**M**ADEWELL 415™ Thinner is recommended for equipment cleanup. Refer to the **M**ADEWELL 415 product data sheet for more information. Skin should be cleaned using warm, soapy water or commercial hand cleaner.

#### DELIVERY AND STORAGE:

Check containers for damage, and verify quantities before accepting shipments. Store components in sealed containers in a dry environment at moderate temperature conditions (40° F to 80° F).

#### SHELF LIFE:

1 year, depending on storage conditions, subject to re-inspection thereafter.

#### SAFETY:

KEEP OUT OF REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

**MADWELL 1450** contains solvents and polyurethane resins and hardeners that *MAY CAUSE EYE, SKIN, RESPIRATORY, OR NERVOUS SYSTEM SENSITIZATION*. Adequate health and safety precautions should be observed during all storage, handling, use, and drying periods. For best results and safest usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current the Operational Safety and Health Administration (OSHA) or the American National Standards Institute

(ANSI) bulletins on safety requirements. Do not take internally. If swallowed, call a physician immediately. Keep away from open flame, and keep containers tightly closed when not in use.

#### **WARRANTY**

All technical data, recommendations, and services are rendered by the Seller gratis. They are based on technical data that the Seller believes to be reliable and are intended for use by persons having skill and knowledge at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by the Buyer whether as recom-

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