

# EchoMix® Powder Ultrasonic Couplant

## Powder UT couplant Easily mixed in cold water in five minutes

### PRODUCT DESCRIPTION

Provides a strong, continuous coupling film reduces transducer wear, and adheres well to vertical and overhead surfaces without dripping.

Reduced surface tension provides good wetting characteristics.

Salt resistant formulation. No loss in viscosity on corroded surfaces, marine parts or on boilers with salt cake.

Contains no formaldehyde. No strong odor or eye irritant from off-gassing.

Low environmental impact. No phosphates.

Compact for shipping and storage.

Easy mixing, fast gel time in cold water (5 minutes to final product).

Packaging: 1 and 5 gallon easy to open and easy to use powder packets.

Corrosion inhibition: Contains mild short term Ferrous Corrosion Inhibitors.

### PRODUCT SPECIFICATIONS (after mixing)

Viscosity of 1 gallon mixture: 23,000 CPS, Brookfield #4 Spindle, 6 rpm

pH 9

Total Halogens less than 25 ppm

Sulfur less than 25 ppm

Operating Temperature: 32° – 120°F (0° – 50°C)

SDS and typical metallurgical certifications are available at [www.echoultrasonics.com](http://www.echoultrasonics.com)

### Working With EchoMix:

Part A is a plant-based polymer that provides the viscosity and the strong coupling film.

Part B contains minerals, including Sodium Molybdate, which quickly increase the pH and cause the polymer to thicken. Part B also provides ferrous corrosion inhibition. The blue color is a visual marker to insure uniform distribution of the corrosion inhibitor by encouraging thorough mixing.

Removal: Remove with a dry rag, water and brush or pressure washer.

Air Bubbles: All powder couplants will form small air bubbles after mixing if water is not de-aired. These small bubbles usually do not negatively affect the use of the couplant, and they will dissipate in 3-4 days. If an air bubble-free couplant is desired immediately, use hot water and allow to stand overnight; then proceed with adding the powder couplant.



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