

FLUXO US-1

Ultrasonic Couplant - Powder Form

General Appearance & Composition

- Ultrasonic Couplant - Powder to be mixed with water to obtain a Yellow Fluorescent gel
- *Typical concentration*: 40 grams per liter, but a thinner gel can be obtained by reducing the powder content to a minimum of 10 grams per liter.
- *Temperature Operating Range*: 0 °C to 50 °C
- Can be used for all surface
- Non-toxic and safe for the environment
- **FLUXO US-1** is a mixture of polymers, rust inhibitor, surfactant and tracer.



Properties

- *Aspect*: White Powder
- *Corrosion test*: level 0 (according standard ISO 9934-2)
- *Stability in time*: minimum 36 months
- The properties of this couplant give excellent wetting and acoustic transmission.
- **FLUXO US-1** is very economical to use as you only cover the working area and not the whole piece.
- **FLUXO US-1** incorporates corrosion inhibitors and wetting agents and is free of VOC's and other hazardous materials.
- **FLUXO US-1** contain a fluorescent tracer to enable areas to be checked for coverage.
- Easy removable with water or Solvent.



Instruction

- Dilute the powder at 40g/L in water and mix vigorously until the powder is completely melted.
- The gel can be used after 5-10 minutes and will obtain the final viscosity after 1 or 2 hours.
- The final viscosity of the product depends on dilution, the customer can obtain the desired viscosity.

Shelf Life

- Minimum of 3 years, stored at room temperature

Pack Sizes

- Drum 1kg (1 spoon for 250mL of Water)