



---

# Epoxy.com Product #4

## Hydrophilic Sealing & Grouting Compound

---

**DESCRIPTION:** Epoxy.com Product #4 is a one-component, "Acetone Free", MDI based hydrophilic sealing and grouting compound used to stop water leaks in wet environments. Product #4, as it mixes with existing water, cures rapidly into a tough, flexible, closed-cell compound which is insoluble to water and most other chemicals.

### ADVANTAGES:

1. Product #4 is a simple to use, one component material. (See note above).
2. Product #4 cures to a flexible, permanent seal with excellent bond to most construction materials.
3. Product #4 is not a flammable or combustible liquid.
4. Product #4 is applied in a moist and wet environment.
5. Product #4 can be machine-pumped or hand-applied by caulking cartridge.

### PHYSICAL PROPERTIES:

#### Uncured Material

Color	Amber
Viscosity (ASTM D 1638)	450 cps $\pm$ 100
Reaction time <25 seconds	
Density	9.4 Lb. gal
Flash Point (ASTM D 93)	>220°F
Expands on Reaction	7 times original volume

#### Cured Material

Tensile Strength (ASTM D 1564)	84 $\pm$ 10 psi min.
Elongation (ASTM D 1564)	500% min.
Shrinkage - Linear	<15 $\pm$ 3%
Corrosiveness	Non-Corrosive
Toxicity	Non Toxic when cured
Shelf Life	12 months

Cure Time - Varies, dependent upon accelerator added, ambient temperature, and temperatures of grouting compound.

<u>Reaction</u>	<u>Set</u>	
Without accelerator @ 70°F	4 to 5 min.	6 to 8 min.
With accelerator @ 70°F	30 seconds	1 minute

**HOW TO USE: Product #4 is used in many ways to stop water leaks.**

**A. Product #4** is used to pressure inject in cracks or hairline cracks, the same way as low viscosity epoxy resins are used. Cracks should be wet, not dry. If cracks are dry, moisten with water.

**B.** In expansion joints that are sealed with polysulphide, polyurethane, silicone, or any other sealant, the **Product #4** is injected behind the sealant to produce a waterproof elastic joint.

**C.** In concrete or steel liners, such as in tunnels or foundations, holes are drilled, one way valves or packers installed, and **Product #4** is pumped in. Once in contact with water, a chemical reaction takes place, and it sets within 3 to 5 minutes.

**D.** In sewer line joints or any large size joints, to produce the most economical cost per linear foot, saturate any absorbent material such as rope, jute, or oakum, with **Product #4**. Remove excess **Product #4** and force into joint. Spray with water to activate. Repeat procedure until joint is filled.

**PACKAGING: Product #4** is available in 1 gallon, 5 gallon pails and 55 gallon drums.

**CAUTION:** Contains MDI. Avoid breathing vapors. Keep container closed. Use only in well ventilated areas. Wear rubber gloves, safety glasses and protective clothing. Use NIOSH approved respirator in confined area. See MSDS for further safety precautions. First Aid; In case of contact with skin or eyes, wash with large amounts of water. If allergic reaction occurs discontinue exposure. Consult a physician.

## **FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN**

For more information please contact:

[Epoxy.com](http://Epoxy.com).  
**352-489-1666 (Phone)**  
**352-465-3497 (Fax)**  
[info@epoxy.com](mailto:info@epoxy.com)  
[www.epoxy.com](http://www.epoxy.com)

This information is presented in good faith to assist in determining whether this product is suitable for application. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights reserved. Epoxy.com a division of Epoxy Systems, Inc. warrants its products (when properly stored) for the period of time as follows: Epoxies, Product #315, Product #315BC, and Product #316 one (1) year; Polyesters, Methyl Methacrylates (normal) two (2) months and Polyurethanes Four (4) months; Power Tools and Equipment 90 days; Vinyl Esters, High Molecular Weight Methacrylates (HMMA) and all other resins (not specifically mentioned above) 30 days; hand tools (non-power tools) 30 days. Epoxy.com warrants that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Epoxy.com. If any product fails to meet this warranty, the liability of Epoxy.com will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Epoxy.com within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). Epoxy.com may in its discretion refund the price received by Epoxy.com in lieu of replacing the material. No customer, distributor, or representative of Epoxy.com is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Epoxy.com. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy.com reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. Epoxy.com'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND Epoxy.com SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. All quotes and sales subject to availability.