



# Epoxy.com Product #432

Low Viscosity Urethane Gel Grout

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## Description

Epoxy.com Product #432 is a low viscosity, rapid gelling, hydrophobic grout. Epoxy.com Product #432 is used to seal leaks in cracked concrete, for soil stabilization and for repairing leaking joints in structures. This all-purpose grout is easily mixed with water or stabilizer at a convenient 1 to 1 by volume mix ratio

## Advantages

- Easy 1 to 1 mix ratio with water
- Rapid gelling
- Non-Flammable
- Water like Consistency
- Deep Penetration into cracks or soil
- Flexible, High tensile elongation
- will not dry out if not in contact with water
- Remains flexible in water, dry joints or soil
- Excellent bond to soil, concrete, rock or other porous materials
- Can be pumped from the inside or the outside of a structure.

## Where to use

- Sealing cracks in concrete or honeycombed concrete.
- Inject into soil as a soil stabilizer
- Joint repair for pipes in water or sewage facilities
- Elevator Pits
- To stop soil erosion due to flowing water or seepage.
- Manholes. Used to prevent water infiltration.

## Physical Properties

Color	Light Blue
Viscosity	80 c.p.s. $\pm$ 20
Mixed with water	15 c.p.s.
Toxicity	Non-Toxic (when cured)
Non-Corrosive	

## Mix Ratio

Mix one part by volume of Epoxy.com Product #432 to one part by volume of water for a strong gel and minimal expansion. The water used to react the product should be in the pH range of 7 to 9; water outside of this pH range may affect the final properties of the system. Gelling will not take place when the pH is below 3 (acidic) or above 10 (alkaline).

## Storage and Handling

Epoxy.com #432 should be stored in temperatures of 50 to 80oF. For long term storage, store at 40-50oF under dry conditions. Once a pail has been opened, the effectiveness of the Epoxy.com #432 may be reduced

Clean Epoxy.com #432 from application equipment as quickly as possible to prevent the material from forming a gel. Immediately after use, hoses and pumps can be cleaned with acetone or acetone free cleaner. Avoid conditions, which could cause ignition: e.g., heat, sparks, open flames, etc. Epoxy.com #432 can be pumped using hand or air operated piston pumps. A nitrogen blanket moisture barrier is added to the pail of Epoxy.com #432 to retard premature catalyses of resin in the pail due to humidity.

## CAUTION

Epoxy.com #432 contains T D I (Toluene Diisocyanate) and petroleum distillate. Use in well ventilated areas. Avoid breathing vapors. Avoid eye contact and repeated skin contact. Gloves and goggles are recommended. A self-contained breathing apparatus should be worn in confined spaces where T D I and solvent vapors are likely to be high. Monitoring may be performed by using a simple badge monitor. The T D I monitors are available from G.M.D. Systems, Inc. Consult MSDS for further safety information.

## FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

For more information please contact:

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