

GH-1202

GH-1202 is a single component hydrophilic polyurethane designed to stop leaks and fill underground voids. As a polymer solution that cures upon water contact, it can stop water as well as stop/slow the deterioration of steel bars or other internal concrete features.

Underwater
Injection Approved

Negative Side
Injection Compliant

Penetrates Deep
Into Tiny Cracks

Movement-Tolerant
Elastic Strength

Inert, Constant,
No Shrinkage

Expands to Fill
Cavities and Voids

Excellent Bond
to Wet Surfaces

Does Not
Create New Cracks

APPLICATIONS

Now, more of your
projects are Groutable™.

Performs above and beyond conventional grout,
above and below ground level:

- √ Bathrooms
- √ Ponds
- √ Floor Slabs
- √ Gutters
- √ Water Tanks
- √ Basements
- √ Terraces
- √ Planter Boxes
- √ Patios
- √ Fountains
- √ Porches
- √ Suspended Floors
- √ Swimming Pools
- √ Retaining Walls
- √ Balconies
- √ Raised Flower Beds

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com

Stats

Product Number:	WS-1501	Form:	Liquid
Color:	Ivory	Water Solubility:	Hydrophilic
Density:	1.10±0.1 g/ml	Viscosity (mPa.s): (KS F 4293)	200 - 500
Max. Expansion:	15.5 times	Induction Time: (25°C)	15 sec
Gel Time: (25°C)	70 sec	Elongation at Break:	> 30%
Strength: (sand-filled)	1 N/mm ²	Corrosiveness:	Non-Corrosive
Ignition temperature:	>465 °C	Shelf Life:	1 year, unopened
Storage Conditions: (15°C - 30°C)	Cool, dry, ventilated place	Packaging:	10kg/pail, 20 kg/pail
Min. Ambient Temperature:	5°C	TWA Values:	500 ppm (ACGIH) 750 ppm (OSHA)
Melting Point:	-95°C	Boiling Point:	56°C
Flash point:	9°C	Density:	1.00 ~1.20
Vapor pressure:	180mmHg at 25°C	Vapor density:	2.0

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.co

Safety

Active Ingredient	(%)	Chemical Structure	CAS No.
α -Hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) polymer with 1,3-diisocyanato methylbenzene and 1,1'-methylenebis[4-isocyanatobenzene]	78 ~ 82	N/A	83437-95-0
Acetone	8 ~ 12	CH ₃ COCH ₃	67-64-1

Acute toxicity in LD50 rat(oral): >5,800 mg/kg, LC50 rabbit(dermal): 17,700 ppm, LD50 rat(inhalation): >70.9mg/L/4h

Precautions:

- Keep away from heat/sparks/flames
- Keep container tightly closed & locked
- Ground/bond container and equipment
- Use explosion-proof electrical/lighting
- Use only non-sparking tools
- Use only as directed

Hazards:

- Highly flammable liquid and vapor
- Causes serious eye irritation
- Harmful if inhaled
- May cause drowsiness or dizziness
- Causes damage to organs

Formula Classification:

Flammable Liquid – 2
Eye Irritation – 2A
Organ Toxicity (single exposure) – 3
Organ Toxicity (repeat exposure) – 2
Aspiration Hazard – 2
Reactivity – 0

Manufactured by:

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com

First Aid & Emergencies

If on skin...

Take off any contaminated clothing and immediately wash skin thoroughly with industrial skin cleaner, followed by soap and water. Do not use solvent. Seek medical care if irritation persists.

If ingested...

Rinse mouth and drink a large glass of water. Call a doctor or poison control center immediately. Do not induce vomiting.

If inhaled...

Stay as calm as possible, move to fresh air, and call a doctor or poison control center immediately.

If in eyes...

Rinse eyes with plenty of water until no evidence of substance remains. Then call a doctor.

In case of fire...

Use water-based, alcohol-resistant foam extinguisher. Wear a self-contained breathing apparatus and fire- and chemical- resistant clothing.

If spilled...

Ventilate area and use breathing apparatus. Pick up spill with absorbent material and dispose as required by law.

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com

Usage Instructions - Part 1

Step 1

Safety First

Ventilate work area. Wear gas/vapor breathing filter, chemical-resistant gloves, frame goggles, and waterproof safety shoes. A barrier cream can also be used as needed.

Step 2

Prep Surfaces

Use cool water and an abrasive brush to scrub the surface clear of any mineral deposits.

Step 3

Drill Injection Ports

Drill holes intersecting the crack to be filled at the preferred breadth and depth.

Step 4

Place Packers

Insert injection packers into the drilled holes so that the rubber sleeves are below the surface.

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com

Usage Instructions - Part 2

Step 5

Flush Crack (optional)

If desired, flush the crack with cool water to increase sealant absorption.

Step 6

Inject Sealant

Inject the sealant into the crack until filled. Allow time to set—at least 1 hour.

Step 7

Finish

Remove injection packers and patch the holes with epoxy putty.

Step 8

Clean Up

Clean tools with acetone to remove the solution residue.

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com

Handling & Storage

Handling

- Do not empty into drains or soil.
- Dispose content and packaging by law.
- Avoid contact with oxidizers.

Storage

- Store in a cool, dry, well-ventilated area.
- Keep tightly closed when not in use.
- Store substance and packaging by law.
- Store away from acid/alkaline and alcohols.

Transportation

International: IATA

UN #: 1866

Shipping Name: Resin Solution, Flammable

Class: 3

Packing Group:

Packing instruction (cargo aircraft): 364

Packing instruction (passenger aircraft): 353

Regulations

Occupational Safety and Health Acts:

Working environment measurement materials

Hazardous safety control acts: 4 class petroleum

CERCLA 103 Regulation: 2267.995kg

The data contained in this document is based on our current knowledge of substance safety. The properties nor the suitability of the product for any specific purpose should not be deduced from the data contained in this document. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Groutable Inc.
3477 Corporate Pkwy, Suite 100
Center Valley, PA 18034

Groutable™
Inject. Grout. Seal.

1-800-202-8713
info@groutable.com
www.groutable.com