

## TECHNICAL INFORMATION URETHANES

**HYDRO ACTIVE<sup>®</sup> CUT - hydrophobic polyurethane grout** is a hydrophobic polyurethane that, when mixed with HYDRO ACTIVE<sup>®</sup> Cut Cat and makes contact with water, is designed to fill large voids in rock fissures, gravel layers, joints and cracks in concrete structures and for the cut-off of gushing water. Depending on the temperature and amount of accelerator (**HYDRO ACTIVE<sup>®</sup> Cut Cat**) used, the grout quickly cures to a rigid, closed cell polyurethane foam that is resistant to most organic solvents, mild acids, alkali, petroleum and micro-organisms.

HYDRO ACTIVE<sup>®</sup> Cut: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
• Cartridges: 10.5 oz "HOT SHOT"  
HYDRO ACTIVE<sup>®</sup> Cut Cat Accelerator: • 32 oz. cans.

**HYDRO ACTIVE<sup>®</sup> SOIL - hydrophobic polyurethane grout** is a hydrophobic polyurethane that, when used alone or with HYDRO ACTIVE<sup>®</sup> Soil Cat, is designed to increase the bearing capacity of permeable soil. In its uncured form, HYDRO ACTIVE<sup>®</sup> Soil is a blackish-brown nonflammable liquid. When it comes in contact with water, the grout slightly expands and, depending on temperature and amount of accelerator (**HYDRO ACTIVE<sup>®</sup> Soil Cat**) used, quickly cures to a very dense open cell foam that is essentially unaffected by corrosive environments and micro organisms.

HYDRO ACTIVE<sup>®</sup> Soil: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
HYDRO ACTIVE<sup>®</sup> Soil Cat Accelerator: • 25 oz. cans.

**HYDRO ACTIVE<sup>®</sup> Combi Grout - hydrophobic polyurethane grout** is a hydrophobic polyurethane grout that, when mixed with HYDRO ACTIVE<sup>®</sup> Flex Cat, is designed to fill voids outside a structure. It may also be used in applications with high pressure flowing water. In its uncured form, HYDRO ACTIVE<sup>®</sup> Combi Grout is an amber colored, non-flammable liquid. When it comes into contact with water, the grout expands and depending on the temperature and amount of accelerator used quickly cures to a tough flexible closed-cell polyurethane foam that is essentially unaffected by corrosive environments.

HYDRO ACTIVE<sup>®</sup> Combi Grout: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
HYDRO ACTIVE<sup>®</sup> Flex Cat Accelerator: • 25 oz. cans.

**HYDRO ACTIVE<sup>®</sup> Flex LV - hydrophobic polyurethane grout** is a hydrophobic polyurethane that, when used alone or with HYDRO ACTIVE<sup>®</sup> FLEX Cat, is designed to form a flexible gasket or plug in joints and cracks in concrete. When it comes into contact with water, the grout expands and depending on temperature and amount of accelerator (**HYDRO ACTIVE<sup>®</sup> Flex Cat**) used quickly cures to a tough flexible, closed-cell foam that is essentially unaffected by corrosive environments.

HYDRO ACTIVE<sup>®</sup> Flex LV: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
HYDRO ACTIVE<sup>®</sup> Flex Cat Accelerator: • 25 oz. cans.

**HYDRO ACTIVE<sup>®</sup> Flex SLV - hydrophobic polyurethane grout** is a very low viscosity hydrophobic polyurethane that, when used with HYDRO ACTIVE<sup>®</sup> Flex Cat, is designed to form a flexible gasket or plug in very tight joints and hairline cracks. In its uncured form, HYDRO ACTIVE<sup>®</sup> Flex SLV is a pale yellow, nonflammable liquid. When in contact with water the grout expands and depending on temperature and the amount of accelerator (**HYDRO ACTIVE<sup>®</sup> Flex Cat**) used quickly cures to a tough, flexible, closed cell polyurethane foam that is essentially unaffected by corrosive environments.

HYDRO ACTIVE<sup>®</sup> Flex SLV: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
HYDRO ACTIVE<sup>®</sup> Flex Cat Accelerator: • 25 oz. cans.

**HYDRO ACTIVE<sup>®</sup> Flex 1000 - hydrophobic polyurethane grout** is a hydrophobic polyurethane that, when mixed with HYDRO ACTIVE<sup>®</sup> Flex Cat, is designed to seal leaking joints and cracks in concrete structures. HYDRO ACTIVE<sup>®</sup> Flex 1000 forms a flexible gasket or plug in the joint or crack. In its uncured form, HYDRO ACTIVE<sup>®</sup> Flex 1000 is a milky white nonflammable liquid. When it comes into contact with water, the grout expands and depending on the temperature and amount of accelerator used (**HYDRO ACTIVE<sup>®</sup> Flex Cat**) quickly cures to a tough flexible, closed-cell foam that is essentially unaffected by corrosive environments.

HYDRO ACTIVE<sup>®</sup> Flex 1000: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.  
HYDRO ACTIVE<sup>®</sup> Flex Cat Accelerator: • 25 oz. cans.

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**HYDRO ACTIVE® Multigel NF - hydrophilic polyurethane gel** is designed to react with water and form a water impermeable gel mass. HYDRO ACTIVE® Multigel NF is a pale yellow, nonflammable liquid. When it comes into contact with water, the grout begins to foam or gel, and depending on the temperature and amount of water present, quickly cures to a flexible, impermeable foam or gel mass unaffected by mildly corrosive environments. Cure times can be modified using accelerator (Flexgel Cat W) and gel strength can be increased using reinforcing agent.

HYDRO ACTIVE® Multigel NF: • 50 gallons in a metal drum sealed under dry nitrogen • 5 gallon metal pails sealed under dry nitrogen.  
• 10.5 oz cartridges Flexgel Cat W: 64 oz. Bottle. Reinforcing Agent: 1 gal bottle or 5 gal pail

**HYDRO ACTIVE® Safeoam - hydrophilic polyurethane resin** is an MDI based polyurethane designed to form a flexible gasket or plug in joints or cracks in concrete. HYDRO ACTIVE® Safeoam is a pale yellow, non-flammable liquid. When it comes into contact with water, it expands quickly and, depending on temperature, quickly cures to a tough, flexible, closed-cell foam that is essentially unaffected by mildly corrosive environments.

HYDRO ACTIVE® Safeoam: • 50 gallons in a metal drum sealed under dry nitrogen • 5-gallon metal pail sealed under dry nitrogen.  
• 10.5 oz. cartridges

**HYDRO ACTIVE® Sealfoam - hydrophilic polyurethane resin** is designed to form a flexible gasket or plug in joints or cracks in concrete. In its uncured form, HYDRO ACTIVE® Sealfoam is a pale yellow, low viscosity liquid. When it comes into contact with water, the grout expands quickly and cures to a tough, flexible, adhesive, closed-cell foam that is essentially unaffected by mildly corrosive environments.

HYDRO ACTIVE® Sealfoam: • 50-gallons in a metal drum sealed under dry nitrogen • 5-gallon metal pail sealed under dry nitrogen.  
• 10.5 oz. cartridges

**HYDRO ACTIVE® Sealfoam - NF hydrophilic polyurethane resin** is a nonflammable hydrophilic polyurethane resin designed to form a flexible gasket or plug in joints and cracks in concrete. In its uncured form, HYDRO ACTIVE® Sealfoam NF is a pale yellow liquid. When it comes into contact with water, the grout expands quickly and cures to a tough, flexible, adhesive, closed-cell foam that is essentially unaffected by mildly corrosive environments.

HYDRO ACTIVE® Sealfoam NF: • 50-gallons in a metal drum sealed under dry nitrogen • 5-gallon metal pail sealed under dry nitrogen.  
• 10.5 oz. cartridges, Side-by-Side Cartridge 2 x 10.5oz

**HYDRO ACTIVE® INJECTO® Grout - hydrophobic polyurethane grout** is designed to form a flexible water tight gasket in injected joints. In its uncured form, HYDRO ACTIVE® INJECTO® Grout is a pale yellow nonflammable liquid. When it comes into contact with water, the grout expands and quickly cures to a tough flexible, closed-cell foam that is essentially unaffected by corrosive environments.

HYDRO ACTIVE® INJECTO® Grout: • 50 gallons in a metal drum sealed under dry nitrogen. • 5 gal metal pail sealed under dry nitrogen.

**ROCK-TITE 6 - two-component polyurethane foam** is high-density, two-component polyurethane, water blown foam. It contains no CFC's or HFC's to create its cellular structure. Density of the product is formulated for 6 lb. per cubic foot. Pour temperatures remain stable between 120°F-130°F @ 8" lifts. Foam cream times may be adjusted from 10 seconds out to 2 minutes depending on requirements.

Rock-Tite 6: • 50-gallons in a metal drum • 5-gallon metal pail.

**AQUA-TITE - high density, two-component, polyurethane foam** is a fast reacting two-component polyurethane foam formulated to stop large flows of water. It contains no CFC's or HFC's. Density of the product is formulated for 4 lb. per cubic foot. Pour temperatures remain stable between 70°F-100°F. Foam cream times may be adjusted depending on requirements. Call the Technical Service Department if adjustment is needed.

Aqua-Tite: 10 gal units (2 x 5 gal. metal pails with flex spouts) 100 gallon units (2 x 50 gal in metal drums) Side by side cartridges (6 x 600 ml sets per case)

**DENEFOAM 200 - low-density, two-component, polyurethane** is HCFC Blown Spray Foam sealant that can be used to seal and fill voids. Denefoam – 200 cures to ridged foam.

Denefoam 200: • 28 lb Disposable kits yielding 14 ft<sup>3</sup> of foam • 100 lb Returnable steel drums yielding 50 ft<sup>3</sup> of foam.