

# AV-275 Soil Grout

## Hydrophobic Foam

### General Specifications

#### Description

AV-275 Soil Grout is designed to bind together and water proof loose granular soils. AV-275 Soil Grout is a low viscosity, single component polyurethane prepolymer used to encapsulate hazardous materials, reinforce foundations, repair seawalls and stabilize soils.

#### General Uses

Soil Stabilization

#### Grouting Techniques

Variable Pressure Application Technique (V-PAT)

#### Viscosity

50 CPS (77 °F)

#### Ratio

No Water Added

5 Gallon Pail = 5 Gallon batch

#### Additives

AV-276 Soilcat

#### Packaging

Pail – 5 Gallon - 45 lb. gross weight ea., 24 pails per pallet

Drum – 55 Gallon – 500 lb. gross weight ea., 4 drums per pallet

#### Shipping

Motor Class 55

Hazard Class: Non-Hazardous

#### Air Freight available for:



5 Gallon Pail

#### Motor Freight required for:



55 Gallon Drums

#### Cleaning Products

AV-208 – Acetone, Technical Grade

AV-284 – Pump Wash

### Technical Specifications

#### Description

When this grouting compound is pumped into soils, it reacts with moisture and expands to fill cavities and bind soil particles together. The physical properties of the resulting mass are a function of the soil type.

#### Properties: Uncured

Appearance: Amber Color

Viscosity: 50 CPS (77 °F)

ASTM D-1638

Specific Gravity: 1.17

Physical State: Liquid

#### Mix Ratio and Procedure

Typical Reaction Profile ( Mixed with 2 ½% Water)

Cream Time (in minutes)	Expansion Time (in minutes)
10 to 15	20 to 25

#### Storage

Store in airtight containers. Product should not be exposed to the atmosphere until application. Product moisture sensitive. Avoid contact with moisture.

#### MSDS

Available by request, or download at [www.avantigrout.com/MSDS](http://www.avantigrout.com/MSDS)

#### Safety

Product should be used only in well ventilated areas in order to keep the vapor concentration low. Eye contact and repeated skin contact should be avoided. Normal protective clothing such as gloves and goggles are recommended. A self-contained breathing apparatus should be worn in confined spaces where there is little ventilation and vapors are likely to be high.

#### First Aid

**Eyes:** Immediately flush eyes with water for 15 minutes. Get medical attention.

**Skin:** Wash affected area with soap and water. Remove contaminated clothing.

**Inhalation:** Remove to fresh air. If breathing is difficult, get medical attention.

**Ingestion:** Drink 2 glasses of water. Call a physician.

Note: Never give anything by mouth to an unconscious or convulsing person.

#### Notice

The data, information and statements contained herein are believed to be reliable, but are not construed as a warranty or representation for which Avanti International assumes any legal responsibility. Since field conditions vary widely, users must undertake sufficient verification and testing to determine the suitability of any product or process mentioned in this or any other written material from Avanti for their own particular use. NO WARRANTY OF SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE. In no case shall Avanti International be liable for consequential, special, or indirect damages resulting from the use or handling of this product.



# AVANTI

AvantiGrout stops leaks. Permanently.

Webster, Texas 77598 / 800.877.2570

[www.avantigrout.com](http://www.avantigrout.com) / [sales@avantigrout.com](mailto:sales@avantigrout.com)