

AV-330 Safeguard

Hydrophilic Foam

General Specifications

Description

AV-330 Safeguard resin reacts rapidly with water to quickly and safely seal leaks. AV-330 is non-flammable, single-component, urethane injection resin which is specifically designed to provide resilient, flexible foam capable of withstanding severe thermal cycles. AV-330 does not contain acetone or listed VOCs.

AV-330 Safeguard is engineered for today's environmentally conscious work force and is an excellent tool for confined space entry projects.

General Uses

- Medium to large cracks or joints in concrete
- Stop infiltration through pre-cast joints in subways, manholes, utility vaults, large-diameter pipe or similar structures.
- Tie-backs and slurry walls
- Manhole and pipe penetrations
- Stabilize soils or rock formations in tunnels, mines, elevator pits, etc.
- Material can be used in wet or dry conditions.

Grouting Techniques

Expanded Gasket Placement Technique (EGP)
Variable Pressure Application Technique (V-PAT)

Viscosity

450-650 CPS

Ratio

1:1 (Water to Resin)
5 Gallon Pail = 10 Gallon batch

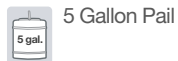
Packaging

Pail – 5 Gallon – 50 lb. gross weight ea., 24 pails per pallet

Shipping

Motor Class 55
Hazard Class: Non-Hazardous

Air Freight available for:



Cleaning Products

AV-208 – Acetone, Technical Grade
AV-284 – Pump Wash

Technical Specifications

Description

Durable MDI-based resin. Excellent bonding capabilities to concrete and some plastics.

Properties: Uncured

Appearance: Pale yellow liquid	
Solids Content: 90%	ASTM D-2939
Viscosity: 450-650 cps @ 70°F	ASTM D-4016
Flash Point: > 212°F (100°C)	ASTM D- 93
Corrosiveness: Non-corrosive	
Reaction Time: 30 seconds @ 70°F	

Properties: Cured Foam (1:1)

Tensile Strength: 350-400 psi	ASTM D-3574 Test E
Elongation: 300-400%	ASTM D-3574 Test E
Shrinkage: <2% after initial cure	
Bonding Strength: 250-300 psi	
Toxicity: Non-toxic	

Storage

AV-330 Safeguard is sensitive to moisture and moderately sensitive to high storage temperatures. Store in a dry area between 40°F and 80°F.

AV-330 Safeguard should be properly removed from all application equipment due to the high risk of moisture contamination. Immediately after use, hoses and pumps can be cleaned with AV-208 Acetone or AV-284 Pump Wash. This product is packaged under dry nitrogen to extend shelf life.

MSDS

Available by request, or download at www.avantigrout.com/MSDS

Safety

Product contains Toluene Diisocyanate (TDI). Vapors may cause respiratory irritation and sensitization. Take precautions to avoid breathing of fumes and vapors. Operators should be equipped with protective clothing including rubber gloves and face shield. Ventilation should be used in confined spaces.

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.

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