DE NEEF® Sealfoam PURe Data Sheet

Product Description

DE NEEF® Sealfoam PURe is a single component, low viscosity, hydrophilic MDI based polyurethane resin. DE NEEF® Sealfoam PURe is TDI and solvent free. Upon curing, it forms a flexible closed cell foam with excellent tensile and adhesion properties, that has good general chemical resistance.

Product Advantages

- Free foam expansion up to 5 times
- High bond and tensile strength
- Withstands thermal movement.
- Withstands wet/dry cycling.
- Single component
- Good chemical resistance

Product Applications

- Sealing dry moving non-structural cracks when used at a 1:1 ratio with water.
- Sealing wet moving non-structural cracks vwhen used neat.

Packaging & Handling

5 gallon metal pail
50 gallon metal drum
10.5 oz cartridges, singles and side-by-side

DE NEEF® Sealfoam PURe is sealed under dry nitrogen because it is sensitive to moisture, and should be stored in original containers in a dry area. Storage temperature must be between 40°F and 90°F. Once the packaging has been opened, the useful life of the material is greatly reduced and should be used as soon as possible.

Shelf life: 2 years.

Installation Guidelines

WARNING: Consult the Technical Data Sheets and SDS before using.

INSTALLATION INSTRUCTIONS: For detailed installation instructions refer to the DE NEEF® technical bulletin for your application.

Injection:

During injection the grout will follow the path of least resistance. When the material has stopped penetrating it will continue to expand against the limits of the confined space and compress within itself, forming a dense, closed cell foam.

Extreme conditions:

For application procedures in extreme temperatures and specific environments or equipment recommendations call the DE NEEF® Technical Service Department.

Cleaning:

Clean all tools and equipment which have been in contact with the resin with DE NEEF® Washing Agent before resin has cured. Products should be disposed of according to local, state, and federal laws.

Health and Safety

Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Safety Data Sheet (SDS) for detailed safety precautions. SDS's can be obtained from GCP Applied Technologies or from our web site at gcpat.com.

FOR EMERGENCIES, CALL CHEMTREC 1-800-424-9300.

Limitations

Low temperatures will significantly affect viscosity. If site temperatures are extremely low, heat bands or heated water baths may be used on the pails before and during installation to maintain the product's temperature. Avoid splashing water into open containers, as the material is water activated. Avoid exceeding 90°F when warming.

CAUTION: PH NOTICE. Water used to activate PURe Grouts must be in the pH range of 3-10 for optimum foam quality.

Properties

DE NEEF® SEALFOAM PURE RESIN		
Solids	100%	ASTM D1010
Viscosity	280 cp at 77°F	ASTM D1638
Color	Clear to yellow liquid	
Density	1.10 g/cm^3	ASTM D1638
Flashpoint	293°F	CC
Corrosiveness	Non-corrosive	
DE NEEF® SEALFOAM PURE CURED		
Curing Time	Start 30 seconds End 3'10"	1:1 with water
Tensile strength	863 psi	Neat
Elongation	129%	Neat
Expansion	4V	1:1 water:resin
Expansion	5V	4:1 water:resin

Note: The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result.

Phthalate free- no phthalate-based plasticizers
Unregulated for transport- no hazmat shipping
Reformulated TDI free-all MDI based technology.
environmentally friendly-NSF/ANSI 61 approved.

Sealfoam PURe is certified by
WQA to NSF/ANSI 61 for materials safety only,
as verified and substantiated by test data.
Please refer to WQA website (www.wqa.org)
for use ratios and limitations.

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

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