DE NEEF® Cut Cat Fast and Extra Fast PURe Data Sheet

Product Description

DE NEEF®Cut Cat Fast and Extra Fast PURe are designed to be mixed with DE NEEF®Cut PURe to allow for faster reaction times in applications involving the cut-off of gushing water with a high to very high pressure and speed. Cut Cat Fast and Extra Fast PURe are recommended for use in cold temperatures when the use of the standard Cut Cat PURe does not result in a fast enough reaction.

DE NEEF®Cut Cat Fast and Extra Fast PURe are used at a 10% mixing ratio. Both are non-flammable, solvent free, and phthalate free. Final foam is resistant to most organic solvents, mild acids, alkaloids and microorganisms.

DE NEEF®Cut Cat Fast and Extra Fast PURe have very fast reaction times, less than 60 seconds in salt water at 27°F.

Product Advantages

- Faster reaction times for DE NEEF® Cut PURe.
- Enhanced cold weather reactivity.
- Phthalate free, unregulated for transport and storage.

Product Applications

- Sealing larger volume leaks thru concrete cracks and fissures
- Cold Weather Grouting

Installation Guidelines

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

Installation Instructions: For detailed installation instructions refer to the DE NEEF®technical data sheet for Cut PURe.

1. Shake catalyst can 2-3 minutes.
2. Do not pour catalyst directly into original grout container.
3. Pour the desired amount of Cut PURe into a clean pail.
4. Measure the appropriate amount of Cut Cat Fast or Extra Fast and pour it into the grout and stir until adequately mixed.
5. Never use more than the 10% of Cut Cat Fast or Extra Fast. Excess acceleration will cause vigorous expansion that is prone to shrinkage.

During injection the grout will follow the path of least resistance.

When the material has stopped penetrating it will continue to expand against the confines of the crack/joint and compress within itself, forming a very dense, closed cell material stopping the leak.

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 DeNeef Washing Agent before resin has cured. Products should be disposed of according to local, state, and federal laws.

Reaction Times

10% Cut Cat Fast PURe

T	START	END	FOAM FACTOR
27°F	30"	1'40"	20V
40°F	28"	1'25"	26V
50°F	26"	1'23"	26V
60°F	23"	1'20"	28V
68°F	23"	1'20"	30V
77°F	20"	1'20"	32V

10% = 64 oz per 5 gallons of Cut PURe

Reaction Times

10% Cut Cat Extra Fast PURe

T	START	END	FOAM FACTOR
27°F	25"	1'15"	24V
40°F	23"	1'10"	28V
50°F	23"	1'10"	28V
60°F	23"	1'05"	30V
68°F	20"	1'05"	30V
77°F	18"	1'05"	32V

10% = 64 oz per 5 gallons of Cut PURe

Packaging & Handling

DE NEEF® Cut Cat Fast and Extra Fast PURe:

- 32 oz. metal cans.
- 5.0 gallon metal pail

DE NEEF® Cut Cat Fast and Extra Fast PURe are sensitive to moisture and should be stored in the 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.

Health and Safety

Always use protective clothing, gloves and goggles consistent with OSHA regulations. Avoid eye and skin contact. Do not ingest. Refer to SDS. **For emergencies, call CHEMTREC 1-800-424-9300.**

Limitations

Please do not exceed the recommended catalyst ratio.

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® CUT CAT FAST PURE		
Viscosity	20 cp at 77°F	ASTM D2196 A
Color	Transparent Red Liquid	
Density	0.973 g/cm^3	
Flashpoint	257°F	ASTM D93
DE NEEF® Cut Cat Extra Fast PURe		
Viscosity	20 cp at 77°F	ASTM D2196 A
Color	Transparent Red Liquid	
Density	1.000 g/cm^3	
Flashpoint	257°F	ASTM D93

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Last Updated: 2025-05-13
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