

TECHNICAL INFORMATION

ACRYLATES & ACRYLICS

PRODUCT NAME

Reinforcing Agent

Latex Emulsion

MANUFACTURER

De Neef Construction Chemicals, Inc.
5610 Brystone
Houston, TX 77041
1(800) 732-0166

PRODUCT DESCRIPTION

Reinforcing Agent for Acrylic Resins is a nonflammable, V.O.C. compliant, water-based latex emulsion. It is designed to mix with water and pump with **Gelacryl** or **Superflex** acrylic resins to enhance the strength and reduce shrinkage of the gel mass.

APPROPRIATE APPLICATIONS

Modifier for **Gelacryl** and **Superflex** acrylic resins

ADVANTAGES

- Greatly reduces shrinkage
- Increases tensile and bond
- Good mechanical stability
- Raises cohesive strength
- Enhanced life expectancy
- Contains no V.O.C.'s
- Soap and water clean up

PACKAGING

Available in 5 gallon plastic pails approximate weight of 50 lbs.

LIMITATIONS

Do not apply in temperatures less than 40°F or greater than 95°F, (material cures slower at cooler temperatures and working time will be substantially reduced at higher temperatures).

INSTALLATION PROCEDURES

CAUTION: ADD TO WATER-SIDE ONLY! Refer to **Gelacryl** or **Superflex** Product Data Sheets for specific mix designs. Replace 25% to 50% of the water in a specific **Gelacryl** or

TYPICAL PROPERTIES

Uncured

Appearance	Milky white liquid
Flashpoint	Not applicable
Viscosity @ 77°F	500 cps (max)
Specific Gravity	0.980-1.040
Freeze point	32°F
Solubility in water @ 68°F	Unlimited
Corrosiveness	Non-corrosive
Toxicity	Non-toxic
pH	7.5 – 8.5

INSTALLATION PROCEDURES cont.

Superflex mix design with **Reinforcing Agent**. The exact amount depends upon the physical properties desired in the cured resin. Mix **Reinforcing Agent** well prior to adding to water and mix again upon combining with water-side.

STORAGE & HANDLING

Store in dry area, at temperatures between 40° and 100°F. Protect from freezing 0°C (32°F). Ideal storage temperature is 22°C (72°F). Shelf life at 22°C (72°F) is 180 days when stored in ideal conditions.

Warning! If **Reinforcing Agent** is allowed to freeze it will lower performance and if the **Reinforcing Agent** freezes repeatedly it renders the material useless.

PRECAUTIONS

Always use protective clothing, gloves and goggles consistent with OSHA regulations during use. Avoid eye and skin contact. Do not ingest. Refer to Material Safety Data Sheet for detailed safety precautions.

SAFETY INFORMATION

In the event of an EMERGENCY, call:
CHEM-TREC 8010-424-9300.

WARRANTY INFORMATION

De Neef Construction Chemicals, Inc. products are warranted under the policy set forth under the WARRANTY section of the De Neef Construction Chemicals Inc., product catalog. Warranty information can also be obtained via the De Neef Construction Chemicals Inc. website at www.deneef.com, or by calling 713-896-0123 or toll free at 1-800-732-0166.

Rev. 04/2006