TYTRO™ AC-300 Data Sheet

Product Overview

TYTRO™ AC-300 is a non-acrylamide acrylate grout designed for water control during tunneling operations, curtain grouting, and excavation soil consolidation were low tensile and compressive strengths can be tolerated, including municipal grouting.

Product Advantages

- Non-acrylamide technology
- Pumps without modification to existing grouting acrylate / acrylamide equipment
- Extremely low viscosity grout (5-8 cPs)
- Very low permeability
- Provided in liquid form
- No acrylamide powder batch mixing on jobsite
- Not flammable or explosive

System Components

- TYTRO AC-300 Acrylate
  - 5 Gallon Pails
  - 250 Gallon Totes
- TE-300 Activator
  - 28 oz cans
  - 1 Gallon Pail
  - 5 Gallon Pails
- SP-200 Activator
  - 2lb Jars

Installation

Warning: Consult with DE NEEF® Technical Services and Safety Data Sheets before using.
A chemical grout will result from mixing the following components at a 1:1 ratio:

Component A	Component B
TYTRO AC-300	Water

Water	SP-200
TE-300	

Environmental Conditions

Precautions
TYTRO™ AC-300 Grout is used with SP-200 (sodium persulfate) and TE-300 (triethanolamine).
Workers handling the grout must wear rubber gloves, goggles, and waterproof shoes. If the grout comes in contact with the skin, it should be washed off immediately, with water. Avoid breathing of the grout vapor.

- Do not let SP-200 and TE-300 come into contact with each other prior to field mixing. The reaction is exothermic (heat producing) and may cause fire.
- Store SP-200 and TE-300 separated from each other, at 40° F-80° F.
- TE-300 and SP-200 are incompatible with aluminum. Do not use aluminum equipment in the presence of TE-300 and SP-200.
- Prolonged exposure to UV, sunlight, and elevated temperatures above 85°F will cause solidification of the product

Limitations

This product is not intended to fill large void spaces.

Storage & Handling

Store TYTRO™ AC-300 at 40° F-80° F.
Store SP-200 and TE-300 separated from each other, at 40° F-80° F.

PHYSICAL PROPERTIES

TYTRO™ AC-300 Acrylate Resin

Appearance	Orange Liquid
pH	6.5-7.0
Percent Solids	42
Specific Gravity	1.15 – 1.25
Bulk Viscosity (cP)	10-100
Mixed Viscosity (cP)	5-8

Appearance	White flexible gel

TYTRO™ AC-300 Cured Grout

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