

# SPECTRASHIELD

## L I N E R   S Y S T E M S

### ***Spectra-Grout***

#### **PRODUCT DESCRIPTION**

Spectra-Grout is a ready-to-use hydrophilic polyurethane designed to repair cracks and leaks in wastewater structures. Spectra-Grout reacts with water to create a shaving crème like foam. Within 30 seconds of contact with the ground water, this chemical grout system begins to foam. The high viscosity assures that the grout will not readily flow out from the point of placement. The foam solidifies in minutes, stopping the leak and filling the void. The material will expand up to several times the original volume of grout and water. Material is available in tubes and is applied with a standard caulking gun.

#### **APPLICATION METHOD**

To stop leaks at a precast manhole section joint drill a hole into the joint and a second hole into the joint at a point directly opposite the first hole. Pump a tube of Spectra-Grout into the first hole and close hole with a wooden plug. When water begins to change color at the second hole, inject a tube of grout into this hole and close the second hole with a wooden plug. To stop leaks coming from cracks, drill an injection hole below the area that is leaking. Inject Spectra-Grout until grout shows at crack area. As grout swells it will stop leak. If leak originates from a pipe penetration located in the structure wall, drill an injection hole below the pipe at an angle to access the area next to the pipe. Inject grout until it shows in the leaking water. As grout swells it will stop leak.

#### **PHYSICAL PROPERTIES**

Color	Pale Red
Specific Gravity	1.14
Viscosity @ 75° C	1000 cps
Solids	100%
Corrosiveness	Non-Corrosive
Toxicity	Non-Toxic
Low Temperature Resistance	32° F

## **CLEANUP PROCEDURES**

Spectra-Grout is packed in standard size caulking tubes, so there should be minimal cleanup necessary. The preferred solvent for Spectra-Grout cleanup is acetone. When using solvents for cleanup, extinguish all sources of ignition in the area and observe proper precautionary measures for handling such materials.

## **SAFETY PROCEDURES**

- Wear protective gloves, clothing, goggles and hard hats.
- Before eating, drinking, or smoking, remove protective clothing and wash hands with soap and water.
- Do not smoke while working with Spectra-Grout.
- Avoid eye and skin contact.
- Review MSDS prior to using this material.

## **PRODUCT STORAGE**

Spectra-Grout is sensitive to moisture so it should be stored in a dry area with optimum storage temperatures of 60°F - 80°F. Properly stored, the product has a useful life of 12 months.

## **ADDITIONAL INFORMATION**

The information contained herein is believed to be reliable. Product is intended for sale to industrial and commercial customers. Customer is responsible for evaluation and suitability determination for their specific application. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose.



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