

Detailed Description

SewerCrete™ Leak Stop is a thin liquid resin that reacts with water to form either a closed cell, watertight foam or impermeable gel depending on the water to resin mix ratio (Range = 1:1 to 15:1 Water:Resin). SewerCrete™ Leak Stop is used to seal actively leaking joints and cracks in below grade concrete structures. Material is typically injected under pressure to curtain grout behind porous structures. It is also used for soil stabilization.

Technical Description

Single component, water activated, hydrophilic, polyurethane injection resin (foam or gel).

Uses

- Curtain grouting manholes to seal leaks.
- Soil Stabilization
- Oil Free Oakum may be soaked in SewerCrete™ Leak Stop to create a watertight gasket.

Advantages:

- Single component
- Forms flexible foam or gel depending on mix ratio with water
- Non Flammable
- Super low viscosity will penetrate tight cracks and loose soil
- Tenacious bond to wet concrete
- High elongation allows for thermal or structural movement

Typical Structures:

Manholes, Below Grade Concrete Walls, Tunnels, Excavation Pits, Lift Stations and Concrete Tanks

Packaging:

- 5 gallon pail
- 10 oz "Single Shot" Cartridge (case of 20)

Physical Properties

Physical Properties 73° F- Liquid

Viscosity 440 - 550 Centipoise (neat resin)

Viscosity @ 8:1 20 cps

Solids Content 82%

Physical Properties - Cured

- Tensile Elongation • (ASTM D-1564) 100%-150%
 - Shrinkage • (1 Week @ 100% R.H. 70° F) None
 - Toxicity • Non toxic in cured form
- Properties will vary depending on application conditions.

Reaction Times

Gel Time 70° F @ 8:1 Mix Ratio 50 - 70 seconds

Material Preparation

Store material overnight to precondition to 70°-80° F prior to use. It is not necessary to pre-mix Sewercrete Leak Stop.

Mix Ratio and Mixing Procedures

Uses available water to initiate reaction. Inject as a single component or "TwinStream" 8 parts water to 1 part resin (typical). Injecting higher ratios of water will yield weaker gel.

How to Use

See www.sewercrete.com

Personal Protection

Safety Glasses, gloves, avoid skin contact, do not ingest, for professional use only, see MSDS. For use in well ventilated areas only to keep vapor concentrations low. Use mechanical ventilation if necessary. Use self contained breathing apparatus in confined areas.

Cleanup

Clean off of skin with soap and water.

Environmental Protection:

Cured material is environmentally safe. Dispose of in approved landfill. Clean up any spilled liquid material and add a small amount of water to cure unreacted material.

First Aid

Eye Contact: Immediately flush with large amounts of water. Seek medical attention.

Inhalation: Move to fresh air if symptoms occur. If breathing is difficult, seek medical attention.

Ingestion: Seek medical attention immediately.

Skin Contact: Wipe off contaminated area and wash with soap and water.

Limitations

Cold temperatures will slow down reaction time and increase viscosity. pH below 3 or above 10 may adversely affect properties.

Warranty

GML Coatings warrants its products to be free from manufacturing defects and that products meet the published characteristics when tested in accordance with ASTM and GML Coatings standards. No other warranties by GML Coatings are expressed or implied, including no warranty of merchantability or fitness for a particular purpose. GML Coatings will not be liable for damages of any sort resulting from any claimed breach of warranty. GML Coatings' liability under this warranty is limited to replacement of material or refund of sales price of the material. There are no warranties on any product that has exceeded the "shelf life" or "expiration date" printed on the package label.

Storage

Store in dry environment between 40° and 80° F. Shelf Life: 18 months from date of manufacture in unopened containers properly stored.

Shipping Information

Shipping Class: Motor Freight Class 60

Hazard Classification: Non Hazardous

Manufacturer Information

This product is manufactured for and distributed by GML Coatings under strict quality assurance practices.