

### SEWERTUFF® HM

#### PRODUCT #799

High Modulus Epoxy Polymer Gel

#### PRODUCT DESCRIPTION

**SewerTuff™ HM** is an ultra high viscosity, two-component 100% solids, high modulus, solvent-free epoxy polymer gel coating system designed to reline and repair manholes, lift stations, wet wells and clarifiers. **SewerTuff™ HM** has excellent adhesion and can be applied directly to most substrates without priming. And, it has built-in wetting agents to provide superior adhesion even to damp substrates. The ultra high build **SewerTuff™ HM** coating produces an extremely tough, durable and rigid coating. Typically spray-applied in a single lift at 80 to 125 mils, **SewerTuff™ HM** becomes a barrier to corrosive hydrogen sulfide and sulfuric acid at the concentrations normally found in a sewerage environment. It forms a non-permeable surface, which meets or exceeds US VOC guidelines. **SewerTuff™ HM** can be formulated to meet specific project requirements or environmental conditions including: higher chemical resistance, enhanced impact resistance, or added flexural properties.

#### ADVANTAGES

- Ease of application
- No offensive odor during installation
- May be applied in thickness' of 25 to 250 mils on vertical & overhead surfaces
- 100% solids - VOC compliant
- Good chemical resistance to many common chemicals and gasses
- Superior adhesion to various substrates
- Installed by approved applicators
- Mix ratio is 1.5: 1 by volume

#### LIMITATIONS

- Requires minimum substrate application temperature of 40° F (10° C)

#### COLOR AND TEXTURE

- Available only in Light Green

#### PRODUCT APPLICATION

- Typically applied by high performance plural component airless spray equipment with material at 115°-125°F.
- (Contact SewerTuff™ for additional equipment specification)
- May be reinforced with fiberglass mesh or **with E-Glass™**

#### TYPICAL PHYSICAL PROPERTIES

Solids by weight	100%
Flashpoint	>200°F
Temperature resistance	175°F
Net weight/gallon	9.25 lbs.
Shelf life 1 year	
Potlife, 77°F (25°C)	25-30 mins.
Bond Strength, ACI 503	Con. Failure
Tensile Elongation, ASTM D638	1.0%
Tensile Strength, ASTM D638	7,500 psi
Compressive Strength	
ASTM D579	15,150 psi
Shore D Hardness, ASTM D2440	82-84
Viscosity	35,000-40,000 cps

#### CHEMICAL RESISTANCE

Refer to Separate Product Chemical Resistance tables, or for specific product applications, contact your local SewerTuff™, LLC representative.

#### PRODUCT AVAILABILITY

Products are manufactured and available through the Thermal-Chem, 2120 Roberts Drive, Broadview, IL, 60155

Tel: 800 635 3773 ♦ 847 288 9090

Fax: 847 288 9091

E-Mail: Sales@thermalchem.com

## **TECHNICAL/SPECIFICATION SERVICES**

Every reasonable precaution and effort has been taken in the manufacturer of all SewerTuff™ products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or conditions.

## **PRODUCT HANDLING**

**Read the Material Safety Data Sheet thoroughly before use.**

**Warning:** For professional use only. Avoid contact of uncured material with skin and eyes. Contact with skin may result in irritation. Wash skin with soap and water. If contact with eyes should occur, flush with water for 15 minutes and seek immediate medical attention

## **LIMITED WARRANTY**

SewerTuff™ warrants its product to be of good quality and will replace any product proved defective. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. Therefore, except for such replacement, **SEWERTUFF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS**, and SewerTuff™ shall have no other liability with respect thereto, including without limitation, liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within one hundred and eighty (180) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith