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TECHNICAL DATA SHEET

Pipe Rehabilitation Resin Systems Potable (Drinking) Water

Description				
MaxPox® resin systems for potable (drinking) water applications are two-part 100% solids, styrene-free epoxy systems certified as a component of the RS BlueLine® cured-in-place-pipe (CIPP) system by NSF International to NSF/ANSI Standard 61: Drinking Water System Components – Health Affects.				
Technical Data				
These resin systems are specially formulated for RS BlueLine inversion liner compatibility, superior wet out capability, low odor, and zero VOC's to perform pipeline repairs with consistent, long lasting performance. Mixed resin pot life varies with temperature and total mass of material mixed. The data provided below is for reference only. For more detailed product information contact HammerHead Trenchless.				
Reaction Data				
Mix Ratio A:B		100:32 by weight		
Components Temperature		68°F (20°C) prior to mixing		
Cure Methods		Steam or hot water cure		
Material Data				
Resin System Component		MaxPox 8D	MaxPox 15D	MaxPox 480D
Type	Epoxy	Part A: Base Resin	Part A: Base Resin	Part B: Hardener
Weight	lbs/gal	9.6	9.68	7.8
Color	Unpigmented	Clear	Clear	Amber
Viscosity	cps, at 77°F (25°C)	1,300 - 1,500	1,400 - 1,600	10
Gel Time	Using MaxPox 480D at 73°F (23°C)	480 minutes	360 minutes	n/a
System				
Using HammerHead Trenchless patent pending resin impregnation (wet out) technology in compliance with ASTM F2994, 100 parts of Part A and 32 parts of Part B (by weight) are mixed thoroughly and then used to fully saturate RS BlueLine Liner under vacuum. The RS BlueLine composite (resin plus liner) system is cured after placement into the host pipe to form a tough, strong renovated pipe. RS BlueLine, using these approved resin systems, is certified to NSF/ANSI Standard 61 for use in potable water pipes 6" and greater in diameter. For additional information, view the NSF61 listing for HammerHead Trenchless at www.nsf.org. Contact HammerHead Trenchless for detailed instructions prior to use.				
Packaging				
Part A		Drum (270 lbs), Drum (500 lbs), Tote (2,204 lbs)		
Part B		Drum (240 lbs), Drum (440 lbs), Tote (1,984 lbs)		
Shelf Life and Storage				
Two years when stored in a dry, sheltered area between 60°-100°F (15°- 38°C). MaxPox resin are formulated for resistance to crystallization. However, crystallization can occur, partially when the resin is exposed to low temperatures. This is reversible by heating and mixing the resin. Contact HammerHead Trenchless for detailed instructions should this occur.				
Safety and Disposal				
Refer to the Safety Data Sheets (SDS) for these products for safety and health information prior to use. Follow all notices on the SDS. If you do not understand or cannot adhere to the guidelines and procedures for handling and use of these products in strict accordance with the SDS, do not use these products. Contact HammerHead Trenchless for a current copy of SDS sheets. Follow all local, state, and federal regulations for disposal.				

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. Always read, understand, and comply with hazard warnings described in the products' Safety Data Sheet(s) before use.

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