



# Pipe Rehabilitation Resin System

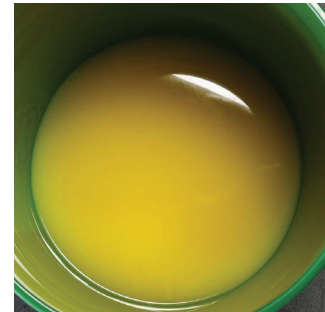
## MaxPox<sup>®</sup> Resin CR MaxPox<sup>®</sup> 30 Hardener MaxPox<sup>®</sup> 60 Hardener

### INTRODUCTION:

MaxPox<sup>®</sup> epoxy resin systems are two-part, 100% solids, styrene-free epoxies offering superior mechanical properties, chemical resistance and adhesion to pipe materials, even under very humid and wet conditions. As a part of the MaxLiner<sup>®</sup> lining systems, these resins are specially designed with excellent wet-out capability, low-odor and no VOCs for quick and easy sewer service repairs.

### TECHNICAL DATA:

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 MaxLiner prior to use.



MaxPox<sup>®</sup> Resin Part A



MaxPox<sup>®</sup> Hardener Part B

Reaction Data	
Mixing Ratio A:B	4:1 by weight
Components	70°F prior to mixing
Cure	Steam or hot water cure - see detailed instructions

Material Data		MaxPox Resin	MaxPox 30 Hardener	MaxPox 60 Hardener
Weight	lbs/gal	9.49	8.43	8.44
Color		Yellow	Blue	Blue
Viscosity	At 77°F (25°C)	1,500 cps	25 cps	720 cps
Gel Time	100 gm @ 73°F (23°C)		25 min	69 min
Cure Time			1 hour at 140°F	2 hours at 140°F

Mechanical Properties		
4:1 by weight Resin : Hardener		
System Components		
Components	ASTM D790	9,600
Cure	ASTM D790	425,000
Mixing Ratio A:B	ASTM D638	8,000
Components	ASTM D638	500,000
Cure	ASTM D638	5

## COMPONENTS AND PROPERTIES

### COMPONENTS:

MaxPox Resin CR (Part A) is a uniquely formulated 100% solids unfilled epoxy resin. MaxPox 30 and 60 Hardener (Part B) are modified amine curing agents.

### SYSTEM:

4 parts of resin (Part A) and 1 part of hardener (Part B) by weight are mixed thoroughly for a minimum of 3 minutes at approximately 200 rpm. Take precautions not to incorporate air while mixing. The mixed resin is then used to fully saturate (wet out) MaxLiner tube specially designed for MaxLiner Lining Systems. Follow MaxLiner recommendations for equipment and procedures for liner wet-out and installation.

### FINAL PRODUCT:

The combined resin and liner system is cured after insertion into the host pipe to form a tough, strong renovated pipe. It is resistant to municipal sewage, acids and alkalis commonly found in drains, sewers and commercial wastewater.

### Shelf Life and Storage

One year in well-sealed containers in a sheltered area between 65 - 80°F. MaxPox Resin CR is formulated for resistance to crystallization. However, crystallization can occur, particularly when the resin is exposed to low temperatures. This is reversible by heating the product to 122°F and mixing. Contact MaxLiner immediately for detailed instructions should this occur.

### Safety

Refer to the Safety Data Sheets for these products for safety and health information prior to use. Follow all notices on the Safety Data Sheet (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 MaxLiner at 877.426.5948 for a copy of the SDS.

**Call our technical advisor with additional questions at 877.426.5948**

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