MasterFormat® 03 64 23

CONSTRUCTION PRODUCTS
DIVISION OF 87317 CANADA LIMITED

CHEMJECT #907 INJECTION EPOXY

DESCRIPTION
Chemject #907 Injection Epoxy is a modified two component epoxy in thixotropic form with excellent water displacement.

WHERE TO USE
- expansion joints
- contraction joints
- cracks in concrete

BENEFITS
- excellent damp adhesion
- very good water displacement
- thixotropic consistency, will not drain away

PROPERTIES (Tested @ 23"C (74"F)

Mix Ratio, by Volume	4:1
Mix Ratio by Weight	80:20
Viscosity (Mixed)	Thixotropic Gel
Solids	100%
Specific Gravity	1.1
Pot-Life (200g @ 23°C (73.4°F)	75 minutes
Initial cure	10 hours
Full Cure	30 hours
Color	Light Amber

The above information is representative of typical values obtained under laboratory conditions. Variations can be expected due to on site conditions and/or other testing methods.

APPLICATION
It should be noted that the Chemject #907, under the pressure of injection, flows rapidly, even in fine cracks. Once pressure is released, it then stops flowing and returns again to a gel consistency, to avoid drainage from the crack or excessive running at the crack surface. It is not necessary to seal the outside of the crack.

Injection in expansion joints is carried out using two grease guns, each connected to a grease fitting at each end of the tubing. Start injecting from one end only and when resin comes out at the next grease nipple, start injecting at that fitting so that the resin will build up pressure and flow out the hose. As the resin moves into the joint, any water is displaced ahead of the resin. Once all of the water is released, the resin will follow the water. When this is observed, injection should move to the next pair of fittings and the process continues until injection is complete. Excess Chemject #907 appearing at the surface can be easily scraped clear until it hardens.

Injection into cracks in concrete follows a similar technique to above. Injection ports complete with zerks are inserted into 3/8" holes, which are drilled at a 45" angle to intersect the crack, approximately 6" apart on the alternate sides of the crack. Injection should start at one end of the crack and when the resin appears at the next port in line, move to that port and then to the next port, etc. and keep injecting until the crack is filled and injection is complete.

LIMITATIONS
Chemject #907 Injection Epoxy is not recommended for:
- application where ambient and surface temperature are below 5"C (41"F)

PACKAGING
1.5L (0.396 U.S. gal) units, 5 units per carton.

CLEAN UP
Use Epoxy Cleaning Solvent- **CAUTION**- this solvent is flammable so there must be no open lights, flames, sparking motors or pilot lights in the vicinity. No smoking near the solvent. All equipment must be cleaned immediately after use.

SAFETY & TOXICITY
Two Component Epoxy systems are capable of producing severe injury to, or destruction of, skin and eye tissue. They are classified as corrosive for shipping purposes. Precautions must be taken to prevent prolonged or repeated skin contact and it is essential to protect the eyes from splashes. Protective clothing, rubber gloves and chemical safety goggles should be worn when working with these products.

219 Connie Cres., Unit 13, Concord, Ontario L4K 1L4 • T (905) 669-5013 • F (905) 669-6455 • info@cpd.ca • www.cpd.ca

Some people become sensitized when working with epoxy resin systems. The sensitization may appear in the form of skin and respiratory reactions. Avoid breathing vapors, particularly if these products are used in a confined area. Face mask with respirator #1224 is usually adequate. Air supplied mask is suitable for use in confined areas.

STORAGE
Store in a heated warehouse on pallets. Storage at temperatures above 5°C (41°F)

SHELF LIFE
Two years if kept in original unopened containers under normal warehouse conditions.

SAFETY PRECAUTIONS
Consult Safety Data Sheet for specific instructions. SDS #41 (Part A) #42 (Part B)

WARRANTY
The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

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