

SynthoGlass®

READ ALL INSTRUCTIONS BEFORE OPENING PACKAGE:



1. Depressurize pipe. Roughen pipe surface using a wire brush to remove excess rust, dirt or loose scale. Remove any oils, greases, soaps, or foreign materials from pipe surface using a solvent cleaning wipe.



2. Apply filler, such as a ESN-202 or EPN-101, into the defect(s). Apply epoxy primer, such as a PPR-220, around the entire circumference of the pipe to prevent future corrosion. The filler and epoxy should be applied in accordance with their package instructions.



3. Water is needed to activate SynthoGlass® (SG). Put on supplied gloves, open foil pouch and submerge the roll of SG in water for approximately 10 seconds. A minimum of 8 layers of SG is required and shall be applied around the pipe in a spiral manner from left-to-right using a 50% overlap. At the end of the first wrap, reverse the direction of application to right-to-left. Repeat the process until the required number of layers is achieved. NOTE: To achieve an 8 layer application, apply 4 passes using a 50% overlap. Occasionally twisting the SG as it is applied helps it conform tightly to the pipe surface at elbows or odd geometries.

4. The completed SG application shall be over wrapped with 4 layers of compression film, wrapped in the same manner the SG was applied. Perforate compression film using a wire brush or perforator tool to allow the gas generated by the curing process to escape. Remove compression film after approximately 10 minutes.

5. Once the SG has reached its initial cure, 30 minutes @ 75°F (24°C), it should be protected with a UV coating, such as a SynthoCoat™ or SynthoGlass® SPF before returning to service.

STORAGE AND HANDLING

For ideal shelf life store SynthoGlass in a cool, shaded area at 72°F (23°C). Do not expose to temperatures above 110°F (44°C) or below 40°F (5°C). Care must be taken when handling SynthoGlass' hermetically sealed foil pouch to prevent puncturing or scuffing. If the protective foil pouch is punctured, the SynthoGlass will be exposed to atmospheric moisture which will cause it to cure within the foil pouch.

PRECAUTIONS

The resin used in SynthoGlass will adhere to skin and clothing and may cause skin irritation. Protective gloves should be worn while handling. Care should be exercised to avoid contact with unprotected areas of skin and eyes. Swabbing lightly with alcohol or acetone will help remove resin from skin (prior to set). If eyes are exposed to the resin, flush eyes water 15 minutes and then contact physician. STORE IN A COOL, SHADED AND DRY AREA.



Emergency Phone #:
800.424.9300 (CHEMTREC)
+1 703.741.5970 (Outside USA)

Non-Emergency Information:
ClockSpring|NRI
+1 281.590.8491

May cause allergic skin reaction. Closed container may forcibly rupture under extreme heat or when contents have been contaminated with water. Product causes respiratory tract irritation and may cause allergic reaction. Avoid contact with skin and eyes. Ensure good ventilation/exhaustion at the workplace.

SDS available at: [cs-nri.com/SDS](https://www.cs-nri.com/SDS)

For warranty, disclaimer and patent information related to our products visit [cs-nri.com/csnridisclaimer](https://www.cs-nri.com/csnridisclaimer)

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