

Bondstrand® Chem Cure Pak

Heat Source for Curing Adhesive-Bonded Joints in Fiberglass-Reinforced Epoxy Piping Systems

Description

The Chem Cure Pak* consists of a plastic bag bonded to a foil backing that contains two powdered acids mixed together as one component and lime (CaO) as the second component. Also included with each Pak are tie wires for securing the Pak around the adhesive joint to be cured.

After the two components have been thoroughly mixed and water has been added, an exothermic (heat-generating) reaction occurs

A Chem Cure Pak is sufficient to cure PSX™ •34 and PSX™ •20 adhesive within one hour at ambient temperatures down to 0°F (-17°C). At lower temperatures or when installing extra-heavy fittings, reducer bushings, etc., specific recommendations should be requested from NOV Fiber Glass Systems.

*U.S. Patent No. 3,475,239

Instructions

Mix the components, spread evenly within the plastic bag, and center around the bond to be cured and secure with the tie wires. Inject approximately 10 ml (2 to 4 teaspoons) of water into the Pak. The exothermic reaction will cure the adhesive bond within one hour. Detailed instructions are printed on each Chem Cure Pak.

Shelf Life

Since the chemical reaction is catalyzed by water, prolonged storage in an extremely warm or humid environment will reduce the reactivity of the mixed Chem Cure Pak. Thus, each carton should be dated upon receipt and rotated regularly to insure that the oldest Paks are used first. Under normal conditions, Chem Cure Paks have a storage life of one year. Do not store at temperatures above 110°F (43°C) or allow the cartons to get wet.

Sizes and Shipping Information

Each carton is date stamped and contains Chem Cure Paks of one size only. The quantities of a full carton are as follows:

Nominal Pipe Size	Units Per Carton	Weight Per Carton
in		lb
2	30	25
3	30	32
4	20	30
6	20	38

Aluminum tie wire and activator syringes are included in each box.

Chem Cure Paks are sized for 2 through 6-inch nominal pipe sizes and are shipped in full cartons only.

Handling Precautions

FOR CHEMICAL EMERGENCY

SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT

CALL **CHEMTREC**

DAY OR NIGHT

1-800-424-9300

Toll-free in the continental U.S.

202-483-7616 in District of Columbia

For calls originating outside the continental U.S.

202-483-7616

Washington D.C. collect

ALL CALLS ARE RECORDED

Store Chem Cure Paks in a dry area. Do not mix Chem Cure Paks until needed. Chem Cure Paks are specifically formulated for curing PSX•20 and PSX•34 adhesives only. Use of Chem Cure Paks with other adhesives could produce unsatisfactory results.

Danger: Contains corrosive and toxic materials. Harmful if swallowed, absorbed through skin or inhaled.

Do not get in eyes, on skin or clothing. Use only outdoors with adequate ventilation. Do not take internally. Keep out of the reach of children.

Wear appropriate equipment to prevent reasonable probability of skin contact. Wear eye protection to avoid eye contact.

Wash promptly if skin becomes contaminated. Wash after handling and before eating, drinking or smoking. Promptly remove porous clothing that becomes contaminated and wash before reuse.

First aid

In case of contact, get medical attention.

Eyes — Flush immediately with large amounts of water for at least 15 minutes. See a physician.

Skin — Wash skin immediately and thoroughly. If chemicals penetrate clothing, remove immediately and flush skin with water.

Ingestion — If individual is conscious, give large quantities of water immediately to dilute the chemical. Do not induce vomiting. Get immediate medical attention.

Inhalation — Remove to fresh air. Give oxygen if breathing is labored. If breathing has stopped, perform artificial respiration.

Limited Warranty

Because customer's storage conditions, stock rotation and order quantities are not controlled by NOV Fiber Glass Systems, we cannot assume responsibility for Chem Cure Paks that have exceeded their shelf life or were stored improperly.

NOV Fiber Glass Systems will replace, free of charge, any Chem Cure Pak that is found to be defective in either materials or workmanship. This liability is limited to replacement of the Chem Cure Pak only and specifically excludes those Chem Cure Paks that fail to generate heat as a result of excessive storage time or improper storage practices.

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