



REV. 5/08

TECHNICAL INFORMATION FOR STORAGE, HANDLING AND USE OF FLUROELASTOMER CEMENT EE4503

CHEMICAL ACTIVITY:

This adhesive is continuously undergoing a chemical reaction as it ages therefore; storage temperature has a direct effect on its shelf life. The higher the temperature the faster the cement will cure. Eagle Elastomer recommends consumption within 30 days of receipt.

Best results are obtained when the cement is allowed to age approximately 7 days from the manufacturing date marked on the can. The performance of the cement will continue to improve as a function of aging until the solution gels. In the gelled state, the adhesive is no longer recommended for use.

The shelf life of the cement may be increased with refrigeration and proper sealing. A specific Shelf Life cannot be stated. However, experience shows that this time may exceed 6 months if stored properly. We recommend that our adhesive be used within 3 months of date of shipment. If the adhesive is left unsealed and exposed to the open air especially during the summer months the solution will gel quickly (several days).

In preparation for usage, it is recommended to stir or shake the adhesive in order to ensure a homogeneous solution. Next, separate the approximate portion to be used at that time into a separate container and allow the cement to reach room temperature. Return the remaining adhesive to refrigeration.

SHIPPING RECOMMENDATIONS:

Eagle Elastomer Inc. recommends shipping its adhesive products using a next day delivery service to limit the adhesives exposure to non-refrigerated temperatures.

SPLICING PROCEDURES:

The following procedure is a suggested starting point for splicing based on previous experience. Individual users may need to vary these parameters.

1. The ends to be spliced must be clean and evenly cut.
2. Dip both surfaces into the Viton® cement solution.
3. Allow cement to dry until the surfaces appear dull. (One coat should be sufficient)

After completion of the above steps, place surfaces in the splicing jig and apply pressure to the surfaces then vulcanize at 300°F for five minutes.

**NOTE: KEEP CAN SEALED AT ALL TIMES.
KEEP REFRIGERATED WHEN NOT IN USE.**

If you have any questions concerning the cement, please contact our Technical Department. You may also visit our website at eagleelastomer.com

HEALTH, SAFETY AND FLAMMABILITY WARNING

Prolonged breathing of vapors is harmful, use only with adequate ventilation. Repeated contact may skin irritation. This material is harmful or fatal if swallowed, DO NOT induce vomiting. Contact a physician immediately.

Usual fire safety measures should be observed. Keep away from heat, sparks, and open flames. This product is recommended on test data believed to be reliable.