

ELAN-Tron® (formerly Epoxylite) E 8751 Resin / C 8751 Hardener Pre-Mixed & Frozen Epoxy System

ELAN-Tron® (formerly Epoxylite) E 8751/C8751 Pre-mixed & Frozen Syringes are produced by thoroughly blending ELAN-Tron® (formerly Epoxylite) E 8751 Resin / C 8751 Hardener at 100 parts by weight E 8751 to 25 parts by weight C 8751, vacuum de-gassing the mixture and then packaging it into syringes with are flash frozen to less than -40C. The resulting frozen syringes of the mixed epoxy system have a working life when thawed that is at least 30 minutes. The practical work-life may vary by application. In general, basic adhesive applications will have a practical work-life that is as long as 1 hour and applications that require a low viscosity such as impregnation of wire wind devices or filling narrow cracks will have a shorter work-life.

This system is used as a high strength adhesive for bonding of plastics, metals, laminates, and many other applications. It can be used as a protective coating and sealant for both plastics and metals and provides shock-resistance and good gas resistant seals between plastic and metal surfaces. It can be applied directly from the syringe and spread with a brush, roller, or trowel as desired.

The cured properties of the mixed material are the same as for standard 2 part system when mixed and are listed in the ELAN-Tron® E 8751 Resin / C 8751 Hardener technical datasheet published by Elantas PDG, Inc. This system

A partial summary of properties and processing details are listed below:

| PROPERTIES | VALUE | TEST METHOD |
|---|--------------------------------|--------------------|
| <u>ELAN-Tron® E 8751/C8751 Pre-mixed & Frozen</u> | | |
| Viscosity | thixotropic paste | ASTM D-2393 |
| Density (mixed) | approx. 1.15 g/cm ³ | ASTM E-201 |
| Cure Schedule: 24 hours at 25°C/77°F (properties may be improved by a pos cure of 1 hour. at 93°C/200°F). Alternatively a full cure may be achieved by curing for 4 hours at 93°C/200°F | | |

Values are based on laboratory or average production results – not for specification purposes.

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Product Datasheet



PACKAGING AVIALABLE

This product is available in frozen syringes in sizes from 0.5cc(ml) or

STORAGE GUIDELINES

Store at -40C/ -40°F or colder in the tightly closed syringes. If the recommended storage conditions are observed the products will have a minimum shelf-life of 6 months from the date of shipment. Storage at -80C is expected to extend the practical shelf-life to 9-12 months, but to-date not enough test data is available to fully validate this expectation.

HANDLING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding material safety data sheets.

FIRST AID

In case of contact: **Skin** – Immediately wash skin thoroughly with mild soap and water. Remove contaminated clothing and wash before reuse. Destroy contaminated shoes and other articles made of leather. **Eyes** – Immediately flush eyes with plenty of water for 15 minutes and get prompt medical attention. **Inhalation** - Remove person to fresh air. Administer oxygen or artificial respiration if necessary. Call a physician. **Ingestion** - Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

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