

Polymer removal in electronic applications

Depotting, decapsulating, and conformal coating removal

Dynaloy tips to ensure maximum product effectiveness

Before using any Dynaloy product, refer to the product SDS for handling and safety information.

1. Follow the temperature guidelines provided.
2. Agitation will improve effectiveness of all Dynaloy products (ultrasonic or mechanical).
3. Keep container loosely covered to prevent solvent loss.

Dynaloy product selection guide—electronic applications

| Polymer being removed | Dynaloy product | Specific product usage guidelines |
|--|-----------------|---|
| Epoxy— amine cured | Dynasolve 185 | <ol style="list-style-type: none"> 1. Heat Dynasolve 185 to 200°F (93°C) and immerse part. 2. Observe carefully. If epoxy appears unaffected after 1 hour, increase temperature to 250°–300°F (121°–148°C). 3. If epoxy appears unaffected after 2 hours, call Dynaloy for technical support. |
| Epoxy— anhydride cured | Dynasolve 711 | <ol style="list-style-type: none"> 1. Heat Dynasolve 711 to 245°F (118°C) and immerse part. 2. Observe carefully. If epoxy appears unaffected after 1 hour, increase temperature to 250°–300°F (121°–148°C). 3. If epoxy appears unaffected after 2 hours, call Dynaloy for technical support. |
| Cured urethane (depotting and decapsulating) | Dynasolve 711 | <ol style="list-style-type: none"> 1. Heat Dynasolve 711 to 200°F (93°C) and immerse part. 2. Observe carefully. If urethane appears unaffected after 1 hour, increase temperature to 250°–300°F (121°–148°C). 3. If urethane appears unaffected after 2 hours, call Dynaloy for technical support. |
| Urethane (conformal coating removal) | Uresolve 411 | <ol style="list-style-type: none"> 1. Immerse board in Uresolve 411 at room temperature. 2. After coating is dissolved, wash with isopropyl alcohol. 3. If milky residue remains, dissolving action is not complete and the board should be immersed again. 4. For partial/spot removal, apply with brush or cotton pad. Product is also available in gel form for spot removal. <p><i>Uresolve Blue is a vinyl-safe and less aggressive version of Uresolve 411.</i></p> |
| Cured silicone | Dynasolve 230 | <ol style="list-style-type: none"> 1. Ensure the part is completely free of water. 2. Immerse part in Dynasolve 230 at room temperature. 3. Once cured silicone has been removed, it is critical to rinse with alcohol prior to rinsing the water. 4. Observe carefully. If silicone is unaffected by Dynasolve 230 after 4 hours, call Dynaloy for technical support. |
| Cured acrylics | Dynasolve 699 | <ol style="list-style-type: none"> 1. Immerse part in Dynasolve 699 at room temperature. 2. Observe carefully. If acrylic appears unaffected after 1 hour, increase temperature to 150°–200°F (65°–93°C). 3. If acrylic is unaffected by Dynasolve 699 after 2 hours, call Dynaloy for technical support. |
| Cured polyimides | Dynasolve CU-7 | <ol style="list-style-type: none"> 1. Immerse part in Dynasolve CU-7 at 180°F (82°C). 2. Observe carefully. If polyimide material appears unaffected after 1 hour, increase temperature to 250°–350°F (121°–176°C). 3. If polyimide material is unaffected by Dynasolve CU-7 after 2 hours, call Dynaloy for technical support. |

If a product recommended in the table is not effective in your application, or if you have any other questions, contact Dynaloy technical support: (317) 788-5694, ext. 231.

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Eastman Corporate Headquarters

P.O. Box 431

Kingsport, TN 37662-5280 U.S.A.

U.S.A. and Canada, 800-EASTMAN (800-327-8626)

Other Locations, +(1) 423-229-2000

www.eastman.com/locations

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