



# Chemical Design Corporation

## QWIK SPRAY PLASTIC ENCAPSULANT AND QWIK SPRAY SYSTEM

### Frequently Asked Questions

- **What is Qwik Spray Plastic Encapsulant?**

CHEM-COAT 9-2538-1 is a specially blended hardcoat for encapsulating pre-sculpted EPS parts using our Qwik Spray System. This high performance spray encapsulant is a 100% solids, two-component aromatic polyurethane coating, designed to provide an impact resistant shell for numerous different substrates including EPS, insulative foams and wood.

- **What are the benefits of using Qwik Spray Plastic Encapsulant?**

The Qwik Spray System will increase your productivity while significantly reducing the labor costs associated with set-up and clean-up. The portability of the Qwik Spray System will increase business by allowing you to conveniently make on-site repairs, augment existing sculptures or even construct the sculpture on site, providing an easy solution for shipping cumbersome works of art. The Qwik Spray System will also provide excellent control of the application thickness, eliminating the need of removing drips and restoring detail prior to painting.

- **What colors are available?**

CHEM-COAT 9-2538-1 is neutral. Custom color may be available upon request.

- **Is the Chemical Design Corp. Qwik Spray Plastic Encapsulant product VOC friendly?**

This product is environmentally safe and contain no VOC's.

- **How is the Qwik Spray Plastic Encapsulant packaged?**

The Qwik Spray Plastic Encapsulant product is sold in cases. Each case consists of 6 kits; each kit contains 1500 ml of material and a case will cover 127 sq. ft. with 30 mils of coating. Included with each kit is a static mixer with an air atomizing tip. Extra static mixers with an air atomizing tip can be purchased separately.

- **How thick should your material be applied?**

Typical applications are completed with 10 – 50 mils of coatings depending on the substrate and desired impact resistance.

- **What is the coverage per square foot?**

Each case consists of 6 kits; each kit contains 1500 ml of material and a case will cover 127 sq. ft. with 30 mils of coating.

- **How long does it take the Qwik Spray Plastic Encapsulant to dry?**

Depending upon on film thickness, liquid material temperature and the substrate, applied coating will set in 7 minutes at 70°F.

- **How long before my product can be placed into service?**

Your finished product can be placed into service after 24 hours of cure time at 70°F minimum. We encourage you to begin priming or painting of the plastic at the first sign of cure (typically 7 minutes) to maximize adhesion. You should also pretest untried paint for adhesion.

## **QWIK SPRAY PLASTIC ENCAPSULANT AND QWIK SPRAY SYSTEM**

- **Is the Qwik Spray Plastic Encapsulant material repairable?**

Yes, our Qwik Spray Plastic Encapsulant can be repaired. Call our Technical Support Department for details.

- **What other applications can Qwik Spray Plastic Encapsulant be used for?**

Our Qwik Spray Plastic Encapsulant can also be used on other applications. The following are examples of potential applications:

- Impact resistant coating for the protection of easily deformable substrates such as EPS and insulative foams.
- Structural plastic for use in part fabrication where only a moderate level of impact resistance is required.
- Plastic coating which may be textured to splash protect drywall, wood or other architectural substrates from many common liquids.
- Aromatic base coat used to provide a continuous surface for stapled wood constructs.
- Structural for foam sculptures.
- Waterproof encapsulating material.

Our Technical Support Team will be pleased to evaluate and provide detailed advice for your specific applications.

- **What type of equipment is required to spray the Qwik Spray Plastic Encapsulant?**

Our Qwik Spray System runs off of a standard compressor capable of 10 to 12 CFM. For optimum performance the supply pressure must be greater than 100 P.S.I. (6.8 bar) and less than 145 P.S.I. (10 bar). Depending upon your local authorities you may be required to use a spray booth. Check with your local authorities to verify if a spray booth is necessary.

- **Does Chemical Design Corp. supply the Qwik Spray System?**

Yes, Chemical Design Corp. supplies the complete equipment package, which includes the following components: dual cartridge spray gun, air atomizing spray control, static mixers and air atomizing tip.

- **Where do I get replacement parts for the Qwik Spray System?**

Chemical Design Corp. carries all replacement parts for the Qwik Spray System. Just call our Sales Department to place your order at 1-800-578-8555.

- **Is Technical Support available?**

Our Technical Support team is available to answer all your technical questions concerning the Qwik Spray System and Qwik Spray Plastic Encapsulant. Call Technical Support at 1-800-578-8555.

- **Does Chemical Design Corp. require any franchising fees?**

No, franchising fees are not required to purchase any of our products.

**Corporate Office: 906 H.D. Atha RD – Monroe, GA 30655 - (800) 578-8555 - (770) 207-4534 - Fax (770) 207-4535**

This information and technical advice provided herein are believed to be reliable and accurate to the best knowledge of Chemical Design Corp., as based on tests and should serve only as a recommendation. As the manufacturer, Chemical Design Corp. makes no representations or warranties of any kind, expressed or implied, including but not limited to all implied warranties of merchantability or fitness for use or a particular purpose for the product. Chemical Design Corp. makes no representations or warranties as to the results of the use of the product and assumes no obligation or liability in connection therewith. Chemical Design Corp. is not liable for any incidental or consequential damages of any sort from use of this product. The information provided herein is subject to change at anytime without notice. Information changes may include, but are not limited to, commercial and technical changes, changes in pricing, physical characteristics, and packaging.