



ALL OF OUR PRODUCTS CONFORM TO CURRENT ENVIRONMENTAL CONCERNS OUTLINED IN REACH AND ROHS AND CONFLICT MINERALS REGULATIONS.

Polymark is a formulator of unique resin systems. Many of our resin systems are 'inside' common everyday products and help them function as they do. We will assist you in conquering your manufacturing challenges using our technical expertise and knowledge. Our products are market-focused for industrial customers only. Polymark can usually modify standard products or create something new to meet your specific requirements.

Polymark has an extensive depth of knowledge of both thermosetting and thermoplastic polymers used in a wide range of industries. Our chemists and technical specialists are experts in their field, staying in the forefront of new technologies and ideas. Our focus is particularly on trends in encapsulation, UV-curable resins, industrial adhesives and conductive materials.

Important Notice to Users: Typical properties are shown in this technical bulletin and should not be used or taken as specifications. Contact Polymark prior to establishing specifications. The information given for product description, handling properties and cured physical properties are offered solely to assist the purchaser's own testing. Polymark, its sales agents and distributors make NO WARRANTY OF MERCHANTABILITY OF THE PRODUCT OR THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE. This product and all information supplied in connection with it is used at the purchaser's own risk, conditions of use being beyond Polymark's knowledge or control. The purchaser assumes all risk of use or handling of the product, whether in accordance with directions or not.

POLYMARK
RESIN SYSTEMS 

RESINS FOR EMBLEM & DECAL DOMING

Emblem/Decal
Doming

LED
Encapsulation

Decorative
Coating

POLYMARK
RESIN SYSTEMS 

Visit polymarkinc.com/connect for more information.

Toll Free: 877-490-0035 / Local: 317-849-1577

E-mail: Sales@polymarkinc.com

POLYMARK DOMING RESINS ARE USED TO GIVE DECALS AND EMBLEMS A UNIQUE HIGH LUSTER LOOK AND TACTILE FEEL. YOUR LOGO IS IMPORTANT AS A MARKETING TOOL AND RESIN GIVES INSTANT RECOGNITION TO YOUR BRAND. POLYMARK OFFERS POLYURETHANE AND UV CURING OPTIONS.

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POLYURETHANE DOMING

Polymark's Polyurethane Doming products have brought much needed processing and environmental improvements to the decorative doming industry. Now you can have fast reliable curing without being exposed to highly toxic heavy metals or generating the same toxic waste.

BENEFITS OF OUR POLYURETHANE DOMING SYSTEMS

No Mercury¹, Tin, Lead or other ingredients considered hazardous by the EU, EPA and others. All products are REACH and RoHS compliant.

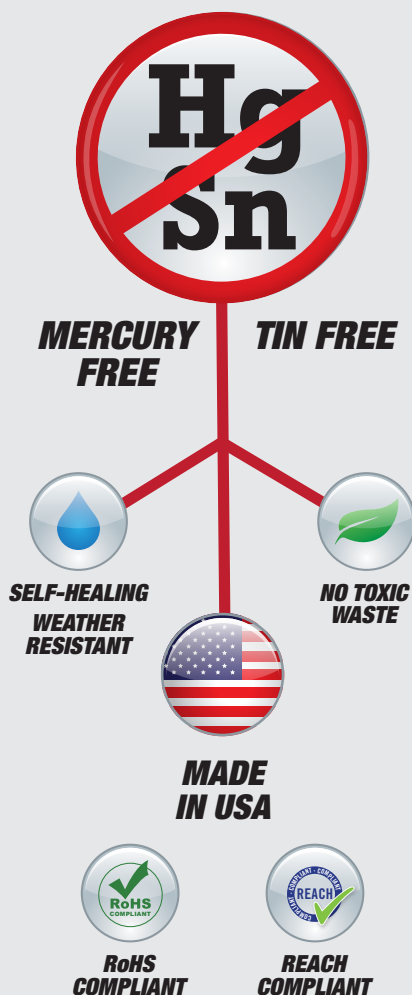
Fast, complete, tack-free curing at ambient (25°C) conditions. No oven required.

Tough, Self-Healing properties at every hardness level.

Low moisture sensitivity means no bubbles generated from high humidity.

All of our hardeners are fully polymerized producing extremely low volatility. These make them the safest on the market for worker exposure and sensitivity.

Non-yellowing for outdoor use. Most meet automotive SAE J2527.



POLYURETHANE 2-PART DOMING SYSTEMS

Product	Shore Hardness	Mixing Ratio (volumetric)	Geltime (25°C) minutes	Tackfree (25°C) minutes	Comment
P510 Series	D18-23	1 to 1	10-15	30-45	For Curved Emblems
P530 Series	D30-35	1 to 1	10-15	30-45	Standard
P540 Series	D40-50	1 to 1	10-15	45-60	Harder
P560 Series	D70-75	1 to 2	20-30	60-70	Very Hard



UV LIGHT CURING DOMING SYSTEMS

Our Ultraviolet (UV) light curing doming resins use high-intensity UV light to quickly initiate and complete the cure. By using a hybrid chemistry, Polymark UV doming resins are tough, have low cure shrinkage and are non-yellowing.

UV LIGHT CURING DOMING PRODUCTS

Product ²	Shore Hardness	Mixing Ratio	Curing	Comment
UV525D	D30-40	No mixing	365 nm	Instant cure

VISIT POLYMARKINC.COM/CONNECT FOR MORE DETAILED INFORMATION.

1. The U.S. Environmental Protection Agency (EPA) considers mercury to be a persistent, bioaccumulative and toxic (PBT) pollutant. Mercury and other toxic heavy metals that are embedded in cured media, such as elastomers, sealants and coatings, can become health risks when they are extracted by acid rain and washed into groundwater.

2. Polymark can customize a product for you at any viscosity and hardness.