

# **Stoner** Molding Solutions®

You Mold It. We Release It.®

## Composites Molding Product Catalog



**Industry-Leading Manufacturer  
of Composite Mold Release Agents**

StonerMolding.com • 1-800-227-5538 • 1070 Robert Fulton Hwy, Quarryville, PA 17566

# Stoner® Composite Molding Products

Give us an opportunity to surpass your molding expectations!

## Cleaner & Sealer



Polyester, vinyl ester, epoxy, or phenolic. SMC, BMC, pre-preg, or liquid thermoset. Compression molding, casting, filament winding, spray up, RTM, infusion, vacuum bagging, or hand layup. YOU MOLD IT, WE RELEASE IT!

With worldwide distribution and technical personnel located in North America, South America, Europe, Asia, and the Pacific Rim, Stoner Molding Solutions provides solvent and water based release systems for your specific requirements. In bulk or aerosol, paste or liquid, sacrificial or semi-permanent, we have them all.



### KantStik® Mold Cleaner

- Dissolves resin & styrene monomer buildup.
- Cleans contaminants quickly from mold surface.
- Prepares mold surface for sealer & release application.

**KantStik® Mold Cleaner** is a blend of solvents designed to dissolve and remove resin buildup and styrene monomer from molds without dulling the surface. It is ideal for preparing mold surfaces for the application of **Stoner KantStik® Sealer 1.0** and **Mold Release Agents**.

**Maximum Molding Temp:** N/A

**Available in:**  
Cases of 4x1-gallon  
Part # P536R1GL  
5-gallon pails  
Part # P53605RPL

### KantStik® Sealer 1.0

- Base coat for sacrificial & semi-permanent release systems.
- Creates a resistant barrier on tooling surfaces.
- Multiple parts per application.

**KantStik® Sealer 1.0** is our second-generation polymeric coating designed to reduce surface tension and impart a hard, new, and chemically resistant barrier on tooling surfaces. New or reconditioned tooling surfaces have natural porosity and irregularities which **KantStik® Sealer 1.0** helps to fill and smooth out.

**KantStik® Sealer 1.0** is used to fill and seal the microscopic pores that exist throughout the tooling surface.

**Maximum Molding Temp:** 752°F / 400°C

**Available in:**  
Cases of 4x1-gallon  
Part # P59101GL  
5-gallon pails  
Part # P59105PL

### G494 FRP-QB Mold Release

- Semi-permanent mold release.
- Cures at ambient temperatures.
- WOLO – Wipe On Leave On; no buffing.

**Stoner® G494** can be applied by wiping, spraying, or brushing. This wipe on/leave on semi-permanent release agent does not require buffing. Designed for polyester or vinyl ester resin systems in closed or open molding. It combines fast cure, outstanding chemical, and abrasion resistance.

**Maximum Molding Temp:** 752°F / 400°C

**Available in:**  
Cases of 4x1-gallon  
Part # G494GL  
5-gallon pails  
Part # G494PL

## Semi-Permanent (Multiple Releases)



Water-Based



### G495 FRP-SC Mold Release

- Semi-permanent mold release.
- Cures at ambient temperatures.
- WOWO – Wipe On Wipe Off.

**Stoner® G495** is a highly effective semi-permanent mold release agent designed to release resin systems such as isophthalic, orthos, DCPDs and vinyl esters. It combines fast cure with outstanding chemical and abrasion resistance. It gives a smooth, continuous film with unmatched adhesion to the mold. **G495** is a Wipe On Wipe Off product, and can also be sprayed.

**Maximum Molding Temp:** 752°F / 400°C

**Available in:**  
Cases of 4x1-gallon  
Part # G495GL  
5-gallon pails  
Part # G495PL

### G610 Water Based Mold Release

- Semi-permanent mold release.
- Water-based curing at ambient temperatures.
- Zero VOCs and non-flammable.

**Stoner® G610** is an ambient cure water based semi-permanent mold release agent designed to release phenolic, epoxy, isophthalic, orthophthalic, DCPD and vinyl ester resin systems. It combines fast curing with outstanding chemical and abrasion resistance. It gives a smooth, continuous film with unmatched adhesion to the mold, great for the cast polymer industry. When used as directed, **G610** is developed to achieve multiple pulls before re-application is needed.

**Maximum Molding Temp:** 750 F (400 C)

**Available in:**  
Cases of 4x1-gallon  
Part # G610GL  
5-gallon pails  
Part # G610PL

### G471 XK-22 LV.5

- High slip semi-permanent release.
- Tough, abrasion-resistant film.
- No need to wipe off if applied to a heated mold.

**Stoner® G471** is a highly effective semi-permanent mold release agent designed to release epoxy and phenolic resin systems. It combines fast cure with outstanding chemical and abrasion resistance. It gives a smooth, continuous film with unmatched adhesion to the mold. Non-silicone, non-contaminating release surface.

**Maximum Molding Temp:** 752°F / 400°C

**Available in:**  
Cases of 4x1-gallon  
Part # G471GL  
5-gallon pails  
Part # G471PL  
55-gallon pails  
Part # G471DR

### KantStik® Curefast 1.0

- Non-silicone semi-permanent release.
- Built-in sealer.
- High temperature molding up to 752° F (400° C).
- High gloss finish with no transfer.

**KantStik® Curefast** is a semi-permanent mold release with a built-in sealer designed for resin systems such as polyester, isophthalic, orthos, DCPDs and vinyl esters. Non-silicone, non-contaminating. High gloss finish with no material transfer to parts. Only 3 coats required with a 10-minute cure time.

**Maximum Molding Temp:** 752°F / 400°C

**Available in:**  
Cases of 4x1-gallon  
Part # P59301GL  
5-gallon pails  
Part # P59305PL  
55-gallon pails  
Part # P59355DR



StonerMolding.com

1070 Robert Fulton Hwy. • Quarryville, PA 17566 • 1-800-227-5538 • 1-717-786-7355

StonerMolding.com

1070 Robert Fulton Hwy. • Quarryville, PA 17566 • 1-800-227-5538 • 1-717-786-7355

**Stoner Molding Solutions**  
You Mold It. We Release It.®

Sacrificial Releases (General Purpose)



- Honey Wax® Liquid Wax**

  - Unique solvent carrier.
  - Forms a durable wax surface.
  - Removes old wax & reduces buildup.
  - Saves time cleaning & increases productivity.
- Honey Wax® Edge Wax**

  - General purpose mold release.
  - Flange areas, edges, & hat molds.
  - Works on smooth & textured mold surfaces.
- Honey Wax® Slurry Wax**

  - A “softer” version of Edge Wax.
  - General purpose mold release.
  - Flange areas, edges, & hat molds.
  - Smooth & textured molds.
- P229 Poly Iso Release**

  - Eco-friendly.
  - Easily diluted with water.
  - Outperforms wax products.

**Honey Wax® Liquid** is a mold release agent specially formulated for use in the manufacture of reinforced fiberglass products using polyester resins. Removes old wax, styrene buildup, polymerized resin, and other contaminants while forming a durable wax surface. Its cleaning ability saves time allowing longer production between cleanings.

**Maximum Molding Temp:** 220°F / 104°Ct

**Honey Wax® Edge Wax** is an economical, general purpose mold release designed for tooling surfaces not requiring a class A surface. Typically used on the flange areas, edges, polymer concrete molds, or on cast polymer hat molds. **Edge Wax** can be used on mold bracing or as a table and floor coating to prevent spilled resins or gel coat over-spray from adhering.

**Maximum Molding Temp:** 200°F / 93°C

**Honey Wax® Slurry Wax** is an economical, general purpose mold release agent designed for tooling surfaces not requiring a class A surface. A “softer” version of Edge Wax also used on the flange areas of molds, edges, polymer concrete molds, or cast polymer hat molds.

**Maximum Molding Temp:** 200°F / 93°C

**Stoner® P229** is water based emulsion that can be further reduced with water, achieving very low application costs. Easiest release for non-gel coated products such as polymer concrete, epoxy pipe, utility boxes, manways, fittings, domes, tanks, etc.

**Maximum Molding Temp:** 400°F / 204°C

**Available in:**  
Cases of 4x1-gallon  
Part # P51701GL  
5-gallon pails  
Part # P51705PL

**Available in:**  
Cases of 4x1-gallon  
Part # P50901GL  
5-gallon pails  
Part # P50905PL

**Available in:**  
Cases of 4x1-gallon  
Part # P51201GL  
5-gallon pails  
Part # P51205PL

**Available in:**  
5-gallon pails  
Part # P229PL  
55-gallon pails  
Part # P229DR



Paste Wax



- LM 35 Concentrated**

  - Easily diluted with water.
  - General purpose mold release.
  - Flange areas, edges, & hat molds.
  - Economical option.
- Honey Wax® Paste Wax Release**

  - Premium paste wax is easy to apply & buff off.
  - Sacrificial wax with trusted performance.
  - Perfect for hat molds & custom geometries.
  - 14 oz fill size.
- Honey Wax® 250 Paste Wax Release**

  - Premium paste wax is easy to apply & buff off.
  - Sacrificial wax with trusted performance.
  - Perfect for hat molds & custom geometries.
  - 11 oz fill size.
- Miracle Gloss® 8 2.0 Mold Release Wax**

  - Premium paste wax is easy to apply & buff off.
  - Creates a durable wax surface.
  - Remains intact for multiple pulls.

**Stoner® LM 35** is a versatile and effective release agent composed of a micro-emulsion of polyethylene wax dispersed in a water based system. It is designed to be diluted before use for cost savings. The release solids withstand high temperatures without deterioration. Solids content is 35%, +/- 1.5%. Particularly effective in the manufacturing of friction parts such as brake shoes.

**Maximum Molding Temp:** 350°F / 117°C

**Honey Wax®** is a unique, high gloss paste wax for use by composite fabricators as a mold release agent. It is compounded with the purest grade carnauba wax, plus special binders and spreading agents.

**Honey Wax®** reduces man hours due to its exceptional ease of application and buffing. It is an excellent mold release agent providing reproducibility, glossiness, and a non-staining, hard releasing film. It is easier to apply and remove than other processed waxes and the residual film is resistant to abrasion.

**Maximum Molding Temp:** 200°F / 93°C

**Honey Wax® 250** is a unique, high gloss paste wax for use by composite fabricators as a mold release agent. It is compounded with the purest grade carnauba wax, plus special binders and spreading agents.

**Honey Wax® 250** reduces cycle times due to its ease of application and buffing. This excellent mold release agent provides reproducibility, high gloss, and a non-staining, hard releasing film.

**Maximum Molding Temp:** 200°F / 93°C

**Miracle Gloss® 8 2.0 Maximum Mold Release Wax** is a premium blend of imported waxes specially formulated to provide the maximum number of releases per application. Especially useful on plugs, new molds, and tooling.

**Miracle Gloss® 8 2.0** is formulated to provide the applicator a very easy-to-use wipe on and wipe off experience allowing for the optimal amount of wax thickness on the mold surface. After hazing it is extremely easy to wipe off, reducing the application and removal time when compared to other wax release agents.

**Maximum Molding Temp:** 200°F / 93°C

**Available in:**  
Cases of 4x1-gallon  
Part # P56001GL  
5-gallon pails  
Part # P56001PL  
55-gallon pails  
Part # P56001DR

**Available in:**  
14 oz. can  
Cases of 12  
Part # P52314REA

**Available in:**  
11 Oz (312 Gram) can  
Cases of 12  
Part # P52111EA  
1000 Gram Can  
Part # P51540EA

**Available in:**  
11 Oz (312 Gram) can  
Cases of 12  
Part # M0811V2



## Aerosol Mold Releases



### THERMOSET MOLD RELEASE (E455)

- For compression molded reinforced thermosets (like BMC & SMC).
- Non-silicone.
- Multiple part releases.

**Stoner® E455** is best for compression molded reinforced thermosets, especially BMC/SMC. **E455** contains no silicones or oils. It eliminates the need for paste or block wax releases. **E455** provides a long lasting anti-stick film for fast, easy part removal from molds and multiple part releases per application. Used extensively in composites R&D labs.

**Maximum Molding Temp:** 400°F / 204°C

**Available in:**

12 oz. Aerosol can  
Cases of 12  
Part # E455

### THERMOSET MOLD RELEASE (E497)

- For epoxies, phenolics, and other thermoset & thermoplastic resins.
- Non-silicone.
- Carnauba-based.
- Multiple part releases.

**Stoner® E497** is a carnauba based aerosol release agent formulated for epoxies, phenolics and other thermoset and thermoplastic resins. Contains no silicones or oils. **E497** eliminates the need for paste or block wax releases. It provides a long lasting anti-stick film for fast, easy part removal from molds and multiple part releases per application. Used extensively in composites R&D labs.

**Maximum Molding Temp:** 400°F / 204°C

**Available in:**

12 oz. Aerosol can  
Cases of 12  
Part # E497



Scan QR Code or  
Contact



**Zach Sinz**

Product Manager

zsinz@stonersolutions.com

Direct: 1-717-806-6018 • 1-800-227-5538 ext. 3713



Industry-leading brands from  
**StonerMolding.com**

## Learn More Online

## QUEST FOR EXCELLENCE

**Stoner is always striving to provide innovation and customer-friendly solutions.** The Stoner team strives to make your molding production the best and most cost-effective it can be by providing these key ingredients:

### World Class Service

Stoner's aim is to keep its customers satisfied for life with world class service and technical support that exceeds expectations. Stoner customers enjoy same-day shipping, a money-back guarantee, volume price discounts, product sample trials, expert advice, and real-time technical support.

Our knowledgeable customer advocates are empowered to immediately resolve issues without a cumbersome approval process or frustrating delays. Customer feedback is reviewed weekly to discover opportunities to improve our products and service. As a result, Stoner enjoys strong customer loyalty and retention.

### High Performance Products

In addition to our customer service, our products must also exceed your expectations. Stoner listens and responds to customer needs by formulating and developing high performance solutions that offer improved safety, environmental, or economic benefits without sacrificing performance. You'll find that Stoner products are safer, eco-friendly, and simply work better.

### Consistent, Reliable Quality

Lean manufacturing ensures consistently higher quality products and eliminates unpleasant surprises. Lean processes keep inventories low, products in stock, and facilitate same-day shipping.

Our Enterprise Resource Planning (ERP) system links operations across all functional areas of the business, including raw material ordering through production, inventory management, distribution, and sales tracking.



In recognition of its consistent product quality and high customer satisfaction, Stoner was awarded the Malcolm Baldrige National Quality Award for business excellence in 2003.

### Always In Stock

Never run out of the supplies you need to keep your business running. Whether you are getting your products directly from Stoner or from your local distributor, we'll make sure you get the right product at the right place at the right time. Stoner products are available worldwide.



**StonerMolding.com**

1070 Robert Fulton Hwy. • Quarryville, PA 17566 • 1-800-227-5538 • 1-717-786-7355

**StonerMolding.com**

1070 Robert Fulton Hwy. • Quarryville, PA 17566 • 1-800-227-5538 • 1-717-786-7355

**Stoner Molding Solutions**  
You Mold It. We Release It.

# COMPOSITES MOLD RELEASE

For more than 45 years Stoner has been a trusted manufacturer of mold release products for composite distributors and fabricators worldwide. Best known for our premium Honey Wax® paste mold release, Stoner also manufactures and markets the KantStik® line of solvent based semi-permanent release agents and the TraSys® brand of water based semi-permanent release agents.

With expertise in composite fabrication as well as composite distribution, Stoner is ideally suited to deliver solutions for the unique needs of this industry.

We provide tailored products that help solve release issues, consistent product reliability that fabricators insist upon, and the industry's best customer service and technical support.



StonerMolding.com • 1-800-227-5538 in the US  
StonerMolding.hk • 1-717-786-7355 outside US  
1070 Robert Fulton Hwy, Quarryville, PA 17566

**Stoner** Molding Solutions®  
You Mold It. We Release It.®