

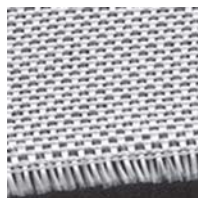
MERTON'S FIBERGLASS & MARINE SUPPLY

SUPPLIERS OF QUALITY MATERIALS TO BOAT OWNERS, HULL FINISHERS, AND BOATYARDS

Fiberglass Reinforcements

CLOTH

E-type volan treated (epoxy and polyester compatible). Cloth is used when a thin, smooth, light-weight, water-proof coating is desired. It can be layered for additional strength. Most commonly used for covering small wooden boat hulls, cabins, decks, and other surfaces requiring a light-weight, glass-reinforced coating. Six ounce cloth is widely used in the glassing of strip canoes and other, small, strip-built craft with epoxy resin.



(prices per running yard)

Width	4oz.	6 oz.	10 oz.
38"	---	\$ 3.65	\$ 6.00
50"	\$ 6.50	\$ 5.85	\$ 7.00
60"	\$ 8.04	\$ 6.80	\$ 9.40

9 OUNCE FIBERGLASS CLOTH TAPE

A narrow, cloth strip with a woven edge to prevent unraveling. Useful for reinforcing seams and corners. Commonly used over epoxy fillets on plywood, stitch and glue constructed boats.



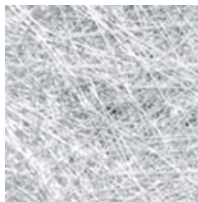
Width	Run. Yd.	50 Yd. Roll
2"	\$.55	\$18.40
3"	\$.65	\$21.90
4"	\$.85	\$30.60
6"	\$ 1.30	\$48.00
8"	\$ 1.55	\$60.25
12"	\$ 2.20	\$86.00

GUN ROVING

A roll of continuous fiberglass strand for use with a chopper gun.
\$ 87.50 for 50 lb. Box (approx.)

CHOPPED STRAND MAT

Chemically bonded for use with polyester resin. Used as a filler layer between woven rovings when laminating. Commonly used by itself for a variety of glassing applications where a thick, heavy, durable, coarse finish is required.



(prices per running yard)

Width	1 1/2 oz.	3/4 oz.
50"	\$ 4.00	
38"	\$ 2.80	\$ 2.45
12"	\$ 1.15	
8"	\$.85	
6"	\$.65	

WOVEN ROVING

Similar to, but much heavier than fiberglass cloth. 24 and 18 ounce woven roving handles and wets out easily. Provides high tensile and flexural strength in laminates. Usually is sandwiched between layers of mat.



(prices per running yard)

Width	24 oz.	18 oz.
38"	\$ 4.00	\$ 3.50

12 OUNCE DOUBLE BIAS CLOTH

(Style DB 120 and 170)

Same style, but lighter weight, as Double Bias Stitchmat, without the mat. Better for use with epoxy resin.

(prices per running yard)

Width	12 oz. and 17 oz.
50"	\$8.50
10"	\$2.00
6"	\$1.50



FIBERGLASS REINFORCEMENTS:

All First Quality Goods by Leading Manufacturers: Hexcel, Owens Corning, Certinteed, Kynstex, FGI, PPG, and BGF.

Additional Information: When referring to weights of fiberglass, mat is in ounces per square foot and all others are in ounces per square yard.

Figuring Quantities: One Gallon of Polyester Resin will saturate approximately:

- 1 2/3 sq. yds. of 38 oz. Stitchmat
- 3 sq. yds. of 1 1/2 oz. Mat, 24 oz. Roving and 24 oz. Stitchmat
- 6 sq. yds. of 10 oz. Cloth
- 9 sq. yds. of 6 oz. Cloth

24 OUNCE DOUBLE BIAS STITCHMAT

Kynstex (Style DBM 1708)

This is a non-woven, double bias stitched to a 3/4 ounce mat layer (the double bias fibers are aligned at 45° on each side of the zero axis). Because of its stitched, double bias construction, it drapes and tucks nicely. Perfect for most structural work, such as tabbing bulkheads, bilge stringers, knees, and most any other structural fiberglass hull repairs.

(prices per running yard)

Width	
38"	\$ 6.00
50"	\$ 8.00
12"	\$ 2.65
6"	\$ 1.50



38 OUNCE STITCHMAT

Certinteed (Style 2415)

A combination of 24 ounce woven roving stitched to 1 1/2 ounce mat. The heaviest fiberglass we stock, used for quick laminate build-up and high strength. Handles well and wets out rapidly. Works best on flatter surfaces without too many hard angles.

(prices per running yard)

Width

38"	\$ 7.00
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Mailing Address: P.O. Box 399, East Longmeadow, MA 01028 • Store Address: 314 Rocus Street, Springfield, MA 01104

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MERTON'S FIBERGLASS & MARINE SUPPLY

Polyester Resins and Compounds

ASHLAND, CCP, AND REICHHOLD

GENERAL PURPOSE POLYESTER RESIN

(These are premium quality polyester resins used by fiberglass boatbuilders and fabricators)

Not "Boatyard Resin".

A rigid, low reactivity, pre-promoted, low viscosity, thixotropic, orthophthalic laminating resin. Designed for production and repair of marine moldings and general glass-reinforced fiberglass parts. Available with or without wax. The most commonly used type of polyester for fiberglass work.

- 1 to 4 Gallons \$27.50 Each**
- 5 or More Gallons \$26.00 Each**
- 5 Pack Gallons \$130.00 Per Pack**
- 3 or More 5 Packs \$125.50 Per Pack**
- 5 Gallon Pail \$121.00 Each**
- 4 Pails or More \$115.00 Each**

•Gallon Jugs can be shipped via UPS without a hazardous charge.

••5 Gallon Pails DOT classified as flammable. Customer pick-up or Motor Freight only.

Prices include catalyst. (2 fluid ounces per gallon)

55 Gallon Drum prices available on request.

REICHHOLD DION ISO 6631T

ISOPHTHALIC POLYESTER RESIN

A corrosion grade, pre-promoted, thixotropic, isophthalic, polyester designed for hand lay-up. DION ISO has exceptional physical strength properties, excellent handling characteristics, high heat resistance (up to 300 F for many conditions), outstanding corrosion resistance, and is FDA approved. Applications: tanks, pipes, tooling, and others requiring high-strength retention, corrosion resistance and durability. Only available without wax. Call for more specific compatibility information. Good choice when only the best polyester available is required for any application.

- 1 to 4 Gallons \$ 35.00 Each**
- 5 or More \$ 33.25 Each**

Prices include catalyst. (2 fluid ounces per gallon)

REICHHOLD DION 9100P

VINYLESTER RESIN (Promoted)

Resilient corrosion resistant bisphenal epoxy vinylester, particularly suited to high stress/fatigue and thermal cycling situations where optimum structural properties are desired. Provides the best high temperature physical properties and corrosion resistance.

- 1 to 4 Gallons \$ 45.00 Each**
- 5 or more Gallons \$ 42.75 Each**
- 5 Gallon Pail \$198.00 Each**

*Customer Pick-up or Truck Only

Prices include catalyst. (2 fluid ounces per gallon)

CATALYST (HARDENER FOR POLYESTERS)

METHYL ETHYL KEYTONE PEROXIDE

- 2 Fl. Oz. \$ 3.50**

Toll Free: (800) 333-0314 • Telephone: (413) 736-0348 • Fax: (413) 736-3182 • Web: www.mertons.com • e-mail: sales@mertons.com

AIR DRY, WHITE GEL COAT (NPG-ISO)

MANUFACTURED BY FERRO®

This is used to paint on a final color coat over new polyester fiberglass work. Rolled, brushed, or sprayed, with a gel coat spray gun, it will provide one of the most durable, opaque, waterproof, and sunlight resistant coatings available at a low cost. Used mostly on newly glassed decks, cabins, rails, boxes, or any other glassed surface requiring a hard, semi-gloss/semi-flat finish coat. Fairly thick in consistency, about like a latex paint, it is catalyzed like polyester laminating resin. It can be tinted with any of the pigment colors (black for gray, brown for beige, etc...) and can be wet-sanded and buffed to a high gloss, if desired. Not for use on epoxy resin. *Prices include catalyst.*

- 1 Gallon \$62.95**
- 1 Quart \$21.75**
- 5 or more Gallons \$59.80/Gallon**

NO WAX GEL COAT

(FERRO® NPG ISO, White/CCP® Neutral) (Neutral is unpigmented/uncolored gel coat that must be pigmented with the pigment dispersion pastes.)

This is used, when molding fiberglass parts, as a color coat applied to the mold before laminating or as a base coat under air dry gel coat. Cures to a tacky finish to provide good secondary bonding for subsequent resin laminate or air dry gel. *Prices include catalyst.*

- 1 Gallon \$62.95**
- 1 Quart \$21.75**
- 4 or more Gallons \$59.80/Gallon**

HULL & DECK PUTTY

A smooth, strong, mashed potato consistency, non-sagging polyester putty. Reinforced with milled fiber. Shapes and spreads nicely. Excellent, general purpose polyester filler above or below the waterline. Also good for bedding and bonding balsa and foam cores. *Prices include catalyst.*

- 1 Gallon \$45.00**
- 1 Quart \$15.00**
- 5 or more Gallons \$42.75/Gallon**

About POLYESTER RESINS

Polyester resin with wax cures tack-free on the surface. However, it must be sanded between coats for a good mechanical bond. Waxed resin is used for one coat glass work, or for the last coat of resin in a laminating schedule, or for any layer in a laminate that has to be sanded. Waxed resin can be used for multiple layer work as long as each layer is applied on top of a wet layer. Waxed resin is referred to as Finishing Resin. Resin without wax cures hard, but remains slightly tacky on the surface. This surface cannot be sanded, but makes for very good adhesion with other coats of resin and glass. This is the type of resin used most in fiberglass construction. For a tack-free, final finish, a coat of resin or gelcoat with wax can be applied over the no wax layer. No wax resin is referred to as Laminating Resin.

System Three Epoxy Resins



“The Boatbuilder’s Epoxy”
Premium Adhesives & Coatings

System Three Epoxy General Purpose Resin and Hardener (Mixing Ratio 2 to 1)

1 1/2 Qt. Unit	(1 Qt. Resin & 1 Pt. Hardener)	\$ 45.50
3 Qt. Unit	(2 Qts. Resin & 1 Qt. Hardener)	\$ 81.00
1 1/2 Gal. Unit	(1 Gal. Resin & 2 Qts. Hardener)	\$118.00
3 Gal. Unit	(2 Gals. Resin & 1 Gal. Hardener)	\$213.00
6 Gal. Unit	(4 Gals. Resin & 2 Gals. Hardener)	\$404.00
7 1/2 Gal. Unit	(5 Gal. Jug Resin & 2 1/2 Gal. Jug Hardener)	\$487.00
15 Gal. Unit	(2-5 Gal. Jugs Resin & 1-5 Gal. Jug Hardener)	\$883.00

Specify Hardener: #1 Fast; #2 Medium; #3 Slow (Resins and Hardeners can be purchased separately, if needed)
A complimentary copy of **The Epoxy Book**, a **System Three Resins’** Publication which contains all the information necessary to properly use **System Three** epoxy resins will be given to all first-time epoxy buyers.

About System Three Epoxy Resin:

Today, in most wooden boat shops, epoxy resin systems are the main resin systems used in the construction and repair of small and large wooden boats. Polyester resins have little application in the construction methods used today by modern wooden boatbuilders and restorers.

Epoxy systems offer superior adhesion, toughness, resiliency, and moisture resistance. When engineered properly, an epoxy fiberglassed or coated wood surface will last. It is unlikely to crack, split, or delaminate.

System Three Epoxy has an indefinite shelf life, has almost no odor, and is D.O.T. classified as non-flammable. This eliminates the handling, storage, and shipping problems associated with polyester resins.

System Three Epoxy is used in the construction and fiberglassing of strip built canoes and small strip boats, traditional plywood construction, stitch and glue plywood construction, and cold molded construction, to mention a few. **System Three** Epoxy is an excellent choice when fiberglassing, coating, and gluing new wood construction.

The “workhorse” of the **SYSTEM THREE RESINS** line, this 100 per cent solids, unfilled, medium modulus epoxy system works extremely well for new wooden boat construction and repair as well as for gelcoat blister repair and general repair of fiberglass boats. Used at a



simple 2:1 volume ratio with any one of three hardeners **SYSTEM THREE EPOXY** has excellent pot life and cure time control, allowing use at temperatures as low as 35 degrees F and with no limitations on humidity. System Three epoxy will cure to a very tough resilient clear film.

The medium low viscosity of System Three epoxy allows it to be used “as is” for coating and fiberglassing. With the addition of different fillers it is an excellent choice for adhesive, filleting and fairing compounds.

Hardener selection should take into account the minimum temperature expected during application and cure along with the required pot life. **SYSTEM THREE** hardeners may be blended with each other to provide a continuous range of cure times within the extremes of the fast (#1) and slow (#3) hardeners. Refer to *The Epoxy Book* or call us for help in making a proper selection. Hardeners or resin can be purchased separately.

Pot Life and Cure Times for 3 fl. oz. at 77°F

Hardener	Pot Life	Tack Free Cure Time (Thin Film)
#1 (Fast)	15 Minutes	2 Hours
#2 (Medium)	30 Minutes	4 Hours
#3 (Slow)	70 Minutes	9 Hours

Cure times will vary with air temperature and with the surface temperature of the part to which the epoxy is applied. The above pot life and cure times are approximate.

SYSTEMTHREE

Special Purpose Resins

Clear Coat Epoxy Resin

(Mixing Ratio 2 to 1)

- Slow Cure
- Penetrating Coating Resin
- Lowest Viscosity
- Best Brushing Properties



Extremely low viscosity, clear, water white, solvent-free "penetrating" epoxy system. Clear Coat is ideal for clear coating wood, and the wetting out of fiberglass cloth for bright finished boats. Use as a primer (base) for clear linear polyurethane or varnish coatings and as a penetrating first coat for blister repair on fiberglass boats. Use also for those applications that require a long pot life and low viscosity. Clear Coat cures to a brilliantly clear, very tough finish without the usual "amine blush" associated with some epoxy resin films. Clear Coat contains no volatile solvents. Sand and varnish Clear Coat resin in order to avoid water spotting. The minimum temperature for coating is 55°F. The pot life time at 60° is 2 hours and the cure time or set time is overnight. The pot life time at 77° is 55 minutes and the set time is 9 hours.

1 1/2 Quart Unit	\$ 63.00
3 Quart Unit	\$ 108.00
1 1/2 Gallon Unit	\$ 170.00
3 Gallon Unit	\$ 309.00

SB-112 Epoxy Resin

(Mixing Ratio 2 to 1)

- Polyester Compatible Epoxy
- UV Resistant



A clear, UV-resistant, almost water-white high modulus, epoxy resin system. Especially formulated for use in building and repairing sail and surf boards over polystyrene cores. It can also be used for coating and laminating. Unlike many epoxy resins, SB-112 will cure to a clear, glossy, blush-free surface. SB-112 is unique in that polyester resins and gel coats may be bonded to it without the use of "tie-coats". The only preparation required is sanding immediately prior to applying the polyester product. The minimum temperature for coating is 55°F. The pot life time at 60°F is 50 minutes and the set time is 8 hours. The pot life time at 77°F is 30 minutes and the set time is 4 hours.

1 1/2 Quart Unit	\$ 62.00
3 Quart Unit	\$ 106.00
1 1/2 Gallon Unit	\$ 178.00
3 Gallon Unit	\$ 321.00

Mirror Coat

(Mixing Ratio 2 to 1)

- Pourable, Self-Leveling BARTOP Coating



2:1 Mix Ratio, Epoxy Resin System designed to create a thick, high-gloss, decorative coating for wood and other materials. Can be sanded and polished after curing. The 2 to 1 ratio makes for a harder and more heat-resistant coating than typical 1 to 1 coatings. 5 fl. oz. will cover one sq. ft. 1/16-inch deep.

1 1/2 Pint Unit (1 Pt. Resin and 1/2 Pt. Hardener)	\$ 32.75
1 1/2 Quart Unit (1 Qt. Resin and 1 Pt. Hardener)	\$ 54.50
3 Quart Unit (2 Qts. Resin and 1 Pt. Hardener)	\$ 95.00
1 1/2 Gallon Unit (1 Gal. Resin and 2 Qts. Hardener)	\$149.00
3 Gallon Unit (2 Gals. Resin and 1 Gal. Hardener)	\$240.00

PRODUCT	Effect on original wood tone	Number of coats for maximum moisture protection	Minimum temperature for curing	Set time @ 60°F	Pot life time @ 60°F	Set time @ 77°F	Pot life time @ 77°F	Set time @ 95°F
Clear Coat	Clear	4 - 6 coats	55°F	Overnight	2 hrs.	9 hrs.	55 min.	4.5 hrs.
SB-112	Clear	2 - 3 coats	55°F	8 hrs.	50 min.	4 hrs.	30 min.	2 hrs.
MirrorCoat	Clear	See Brochure	60°F	Overnight	2 hrs.	6 hrs.	60 min.	2 hrs.

SYSTEM THREE

System Three Epoxy Adhesives

GelMagic™ (Mixing Ratio 2 to 1)

A toughened, non-sagging, two-component structural epoxy adhesive designed to bond wood and other substrates. GelMagic is unique in that it starts as two self-leveling liquids, which immediately form a soft, non-sagging paste when mixed. The blue color of the resin disappears upon mixing. GelMagic is also a toughened adhesive with high peel strength. As GelMagic cures, the toughening agent precipitates to form an opaque, creamy-white, two-phase system. GelMagic is a room-temperature cure adhesive with good elevated temperature properties following a mild post cure. The working time at 70°F is 15 minutes and the tack-free time is 3 hours. The tensile strength is 7600 psi and the flexural strength is 13,000 psi.



- 6.4 oz. Cartridge \$ 16.00
- Mixing Tips for Cartridges \$ 1.80
- 1 1/2 Pint Unit \$ 25.00
- 1 1/2 Quart Unit \$ 45.80

T88® (Mixing Ratio 1 to 1)

High performance, gap-filling, water proof, two-part structural epoxy adhesive designed to provide superior results under adverse conditions. May be used without modification in normally fitted joints. The working time at 70°F is 40-60 minutes and the tack-free time in 4-6 hours.



The tensile strength is 7000 psi and the flexural strength is 11,500 psi.

- 1/2 Pint Unit \$ 17.00
- 1 Pint Unit \$ 22.25
- 1 Quart Unit \$ 33.50
- 1/2 Gallon Unit \$ 65.70
- 1 Gallon Unit \$ 107.00
- 2 Gallon Unit \$ 200.00

Quick Cure® (Mixing Ratio 1 to 1)

The definitive "five-minute epoxy" for fast, permanent repairs to wood, fiberglass, concrete, ceramics, glass, leather and plastics. Quick Cure is water resistant and ideal for all small jobs requiring a strong bond and rapid cure. The working time at 70°F is 2-3 minutes and the tack-free time is 5 minutes.



- 1/2 Pint Unit \$ 14.70
- 1 Pint Unit \$ 27.00
- 1 Quart Unit \$ 45.80
- 6.4 oz. Cartridge \$ 14.70

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SYSTEM THREE

System Three Wood Restoration Epoxies

Wood Restoration

System Three Resins' wood restoration and repair products, RotFix and SculpWood, were formulated to work together as a system to first consolidate and then replace damaged or rotted wood. Wood deteriorates because of a combination of moisture, micro-organisms and destructive insects. The most common cure for rotted wood in structures is replacement of damaged sections. Now with RotFix and SculpWood you can economically make quick, permanent repairs. For example, to repair a rotted section of a windowsill we simply remove the rotted, punky wood and saturate the area with RotFix to consolidate the surface and fill any remaining voids caused by the rot. Next, apply the SculpWood to fill the cavity and approximately reform the surface. Finally, the following day after the SculpWood has cured hard, sand to fair out the surface and paint to match the surrounding sill. The windowsill is as good as new for a fraction of the cost.

Pre-Mixed Epoxy Fairing Compound

QuickFair™



QuickFair™ is a light-weight, microballoon-filled, fast-curing two-part epoxy fairing putty with excellent moisture resistance. It is designed to be used on both fiberglass and wood-epoxy boats above or below the waterline. The two color-coded parts have a non-sagging, butter-like consistency and are easily mixed to form a

third color. At 70°F QuickFair is sufficiently cured to be hand-sanded in 3 hours or machine sanded in 4 hours (this allows the user to apply three coats each 24 hours in a standard eight-hour shift or six in a round-the-clock basis). Other epoxies need to cure overnight (at least 16 hours) before sanding. QuickFair allows the user to complete a fairing or filleting job in a day rather than three or four days. NOTE: QuickFair's warm butter-like consistency makes it easy to measure by weight. Use care when measuring by volume as QuickFair does not self-level and may trap air pockets. Because QuickFair is fast curing the working time is short. QuickFair allows approximately 10 minutes of working time.

- 1 1/2 Quart Unit **\$ 33.00**
- 3 Quart Unit **\$ 64.00**
- 1 1/2 Gallon Unit **\$110.00**
- 3 Gallon Unit **\$186.00**

Toll Free: (800) 333-0314 • Telephone: (413) 736-0348 • Fax: (413) 736-3182 • Web: www.mertons.com • e-mail: sales@mertons.com

RotFix®

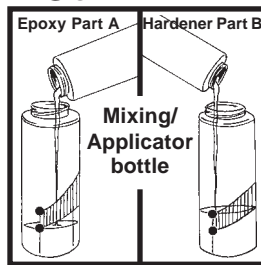
(Mixing Ratio 2 to 1)

Low viscosity epoxy system for consolidation of rotted, deteriorated, dried out or spongy wood. Creates a strong, water-resistant base for repair and restoration. Our new and unique measuring/application bottle is included with each 24-ounce RotFix kit. Now you can accurately measure, mix, and apply RotFix in batches from two fluid ounces to seven fluid ounces without a lot of fuss.

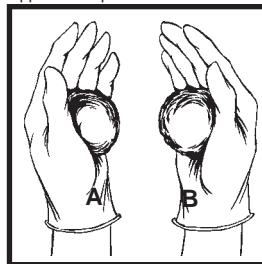
- 1 1/2 Pint Unit **\$ 30.00**
- 1 1/2 Quart Unit **\$ 47.50**



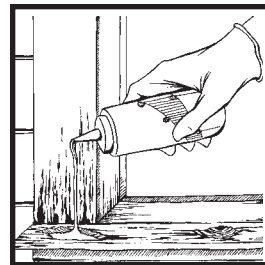
RotFix®



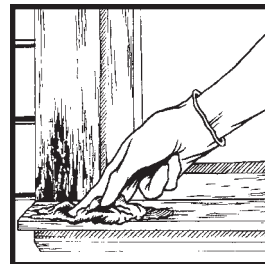
Mix two parts of RotFix® Epoxy (Part A) with one part of RotFix® Hardener (Part B) by volume. Mix no more than can be applied within 15 minutes. For easy measurement, use mixing/applicator squeeze bottle



With disposable gloves on both hands, knead together one part of SculpWood® Epoxy (Part A) with one part SculpWood® Hardener (Part B) by volume. Mix no more than can be applied within 15 Minutes.



Apply to affected area with mixing/applicator squeeze bottle, syringe, brush or roller. The wood must be very dry (15% moisture content or less). Repeat if necessary.



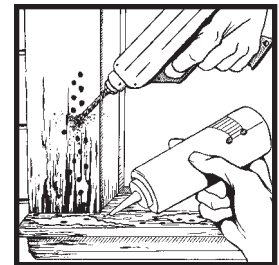
Apply over wood that has been treated and sealed with RotFix®. SculpWood® can be applied over cured or uncured RotFix®. Mold to a rough finished shape.

SculpWood®

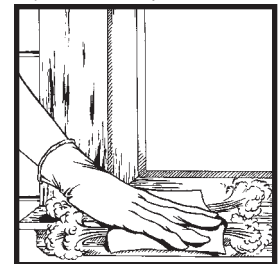
(Mixing Ratio 1 to 1)

Moldable, carvable, sandable epoxy putty for replacement of damaged wood. Ideal for replacing missing sections of windowsills, frames, and furniture or adding new sections to existing structures. Porous, rotted or deteriorated wood should first be treated with a low-viscosity system such as RotFix.

- 2 Pint Unit **\$ 29.50**
- 2 Quart Unit **\$ 47.50**



In extreme cases of deep rot, drill a series of holes into the decayed matter and pour liberally into the affected area. Allow ample time for RotFix® to soak well into the area. Repeat if necessary.



When cured, SculpWood® can be sawed, nailed, carved, machined and sanded. SculpWood® can also be painted.

SculpWood®

SYSTEMTHREE

System Three Epoxy Primer, Paint & Varnish

WR-155 (Water Reducible Epoxy Primer) and WR-LPU (Water Reducible Polyurethane Topcoat)

These highly durable coatings set a new standard for ease of use, environmental safety, and cost. On the market since the early 90's, System Three has made it possible for skilled amateurs to achieve professional looking results. Keep in mind that a quality paint job is the result of 90% preparation and 10% application. The finest paints in the world will not compensate for poor preparation.

WR-155 is our water reducible 2-part epoxy primer. WR-LPU is our water-reducible 2-part linear polyurethane topcoat. These are the perfect paints to use over an epoxy or polyester coating.

WR-155 is a high-build, anti-corrosive, easily sandable primer base for WR-LPU. For use on epoxy or polyester resin, wood, aluminum, or steel. It is available in 2 shades, off white or a light gray. It can be re-coated within 2 hours when sprayed, 4 to 6 hours when brushed. Apply at a rate of one gallon per 250 square feet. May require 2-4 coats depending upon thinning and application method. For complete instructions, properties and tips, refer to the paint application guide. **Detailed product application guide is available on request.**

WR-LPU is a time tested two part water reducible polyurethane topcoat. It rivals solvent-based paints in durability and weatherability, and contains ultra-violet light absorbers for maximum life in the sun. Apply at a rate of one gallon per 400 square feet. Will require a minimum of three coats depending upon thinning and application method. Allow for some overspray when spraying. WR-LPU is available in twelve standard colors. Custom color matching is available for an extra charge.* For complete instructions, properties and tips, refer to the paint application guide. **Detailed product application guide is available on request.**

System Three coatings are designed to work together as a complete system. Apply the primer first to get a good coating build. The WR-LPU colors will dry to a semi-gloss. For a full-gloss "wet look" apply a coat of WR-LPU clear gloss as the final coat.

Like all LPU topcoats, WR-LPU is for use above the water line, on boats left in the water. Boats that are dry-sailed or left in the water for a couple of weeks are not considered to be constantly immersed. We have achieved good results applying WR-155 primer and WR-LPU topcoat over bare wood. However, the type of wood, moisture content, and exposure to the elements will affect the long term results.

BONUS: WR-LPU clear or colored, can be applied directly over System Three resin systems, without the primer.

WR-LPU Topcoat in 12 Standard Colors

Call to request a WR-LPU Color Card

(price includes crosslinker) **\$ 49.75 per quart**
\$130.00 per gallon

- Orcas White
- Decatur Black
- Whidbey White
- San Juan Tan
- Bainbridge White
- Vashon Gray
- Camano Red
- Mercer Green
- Lopez Blue
- Shaw Blue
- Sinclair Yellow
- Fox Orange
- Clear Gloss
- Clear Satin



WR-LPU Topcoat in 12 Standard Colors

System Three Urethane Spar Varnish

System Three Resins now manufactures its own high-solids marine varnish for high quality results. Contains ultra-violet light absorbers for longer life in the sun. Formulated for complete compatibility with System Three Products to ensure proper varnish cure when applied over epoxy resin, so that you won't have any surprises during application. 350 to 450 square feet per gallon of coverage. Dries in 2 to 4 hours, 12 to 24 hours for recoat, 7 days ready to use. Weather conditions, air circulation and temperature will vary drying time. Used on strip canoes and bright finished, epoxy covered boats.



\$ 27.25 per quart
\$ 83.00 per gallon

WR-155 Two Part Epoxy Primer

(off white or light gray, please specify)

\$ 37.50 per quart
\$ 88.00 per gallon



Fillers & Additives

THIXOTROPIC POWDER

CAB-O-SIL OR AEROSIL BRANDS

Light-weight, fumed silica. Used as a thickener for polyester and epoxy resins. The most effective additive for thickening resins, thixotropic powder thickens putties and glues and, most importantly, helps prevent them from running and sagging on vertical and overhead surfaces. Always added to System Three Epoxy Resin (to about a ketchup consistency) when making epoxy glue to prevent running from joints.

1/4 lb. Tub	\$ 6.80 (2.5 qts volume)
1/2 lb. Tub	\$11.00 (5 qts volume)
5 Gal. Pail	\$40.00 (2 lbs.)
(with pour spout)	
10# Bag	\$89.00

MICROBALLONS (Q CELLS)

Q Cells (glass bubbles) are a fine, light-weight, white powder added to polyester and epoxy resins to make light-weight, sandable, fairing compounds. Usually used in combination with thixotropic powder (described above) for additional sag resistance on vertical and sloped surfaces. To make your own fairing compound, mix the glass bubbles in with the resin to a thick gravy consistency. Then add thixotropic powder to desired thickness. With epoxy systems, resin and hardener must be pre-mixed thoroughly before adding fillers or additives. With polyesters, catalyst (MEKP) should be mixed after adding the fillers or additives to the resin. Remember that the clock starts ticking as soon as you add the catalyst.

1/2 lb. Tub	\$ 6.80 (2.5 qts. volume)
1 lb. Tub	\$13.00 (5 qts. volume)
5 Gallon Pail	\$44.00 (4 lbs. net)
(with pour spout)	

FIBERGLASS MILLED FIBER

Milled fiber has a very fine, dense, powder-like consistency and is used for reinforcing smooth putties for finer, more delicate applications where a heavier chopped strand would be too coarse.

1/32"	\$ 4.00 per lb. (approx. 1/2 qt.)
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FIBERGLASS CHOPPED STRAND

(1/4") These can be added to putty mixtures for high-strength reinforcement. Putties that contain chopped strand are more fracture resistant and less brittle. The bigger strand will make a stronger, but coarser mixture (used in combo. with thixotropic powder).

\$ 3.50 per lb. (approx. 1 qt.)

WOOD FLOUR

A light-brown, flour-like, wood by-product most commonly used to thicken epoxy resin to a peanut-butter consistency for filleting (radiusing inside corners.) Wood flour makes a thixotropic (non-sagging), coarse structural putty.

1 lb. tub (2.5 qts. volume)	\$4.20
2 1/2 lb. tub (5 qts. volume)	\$9.50
40 lb. Bag	\$42.00

PIGMENTS

High-quality, pourable pigment dispersions for coloring gelcoats and polyester and epoxy resins. Darker colors require approx. 4 fl. oz. per gallon of resin. Lighter colors require approx. 6 to 8 fl. oz. per gallon of resin. These pigments can be mixed in any combination for many different colors (for example, White with Dark Blue creates a lighter blue; Yellow with Dark Green creates a lighter green).

	Red and Yellow	Other Colors
2 Fl. Oz. Bottle	\$ 5.00	\$ 3.50
8 Fl. Oz. Bottle	\$17.00	\$11.50
16 Fl. Oz. Bottle	\$30.00	\$20.50
32 Fl. Oz. Bottle	\$60.00	\$40.00

Colors: White, Gray, Black, Ivory, Yellow, Red, Light Brown, Dark Brown, Dark Blue, Dark Green

POLYESTER SURFACING AGENT

Tack-free wax additive for no wax polyester resins and gel coats for a tack-free cure on the final coat. As the resin or gelcoat is curing, the surfacing agent rises to the surface and excludes the air from contacting the surface of the curing resin, creating a hard, tack-free cure. Waxed resin must be sanded for secondary bonding. 2 fl. oz. of surfacing agent per gallon of resin is required. See *About Polyester Resins* on the Polyester Resins page.

2 Fl. Oz.	\$ 4.00
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PVA (POLY VINYL ALCOHOL)

Water soluble film sprayed onto molds as a release agent. Color, green.

1 Gallon	\$28.25	1 Quart	\$11.80
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MOLD RELEASE WAX

Paste wax applied to mold surface as a release agent.

14 Oz. Wt. Can	\$15.00
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ACETONE

Solvent for polyester and epoxy resins. Highly flammable, high-strength solvent. **Motor Freight or Customer Pick-Up Only.**

1 Quart	\$ 5.00
1 Gallon	\$14.00
5 Gallon Pail	\$65.00

Fiberglassing Tools & Accessories



EPOXY PUMPS

Used for dispensing resin & hardener. Delivers 1 fl. oz. per stroke. Fits on 1 Gal., 1/2 Gal., and 1 Qt. Bottles. Use one for resin, one for hardener. Give two pumps of resin for every one pump of hardener.

Pumps \$4.00 Each



ENCORE Mix n' Measure GRADUATED POLYETHYLENE CUPS

Reusable, solvent-resistant. Graduated in ml. or ounces. Helpful when measuring and mixing epoxies, polyesters, and 2-Part paints. Usually cured resin can be peeled out and cup reused.

	Each	Sleeve (25 Cups)
6 oz.	\$.40	\$ 8.35
1 Pt.	\$.52	\$10.85
1 Qt.	\$.66	\$13.80
2.5 Qt.	\$1.45	\$32.00
5 Qt.	\$2.25	\$46.75

Lids

1 Pt. and 1 Qt.	\$.46 Each
2 1/2 Qt.	\$.70 Each
5 Qt.	\$ 1.10 Each



LARGE 60CC SYRINGE

Use one for epoxy resin and one for hardener to meter out accurate, tiny batches of epoxy. Don't mix them up and they will last. Also useful for injecting mixed epoxy into tight spots.

\$ 2.50 Each



DISPOSABLE 14 OZ. WAX PAPER GRADUATED MIXING CUPS

Accurate and inexpensive. For mixing of epoxy resin and hardener in quantities of 3 oz. or more.

\$3.00 Dozen
\$20.00 Sleeve of 100



GRADUATED 1 OZ. MEDICINE CUPS

Good for mixing tiny batches of epoxy.

\$ 3.00 Sleeve of 100



ONE PINT CATALYST DISPENSING BOTTLE

For safe and accurate measuring and dispensing of hardener for polyester resins. Graduated up to 35 CC's.

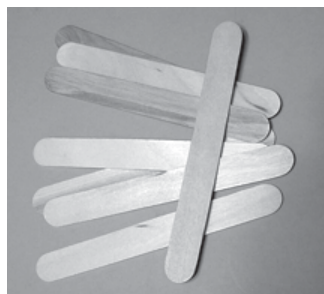
\$5.50 Each



THROWAWAY PAPER MIXING POTS

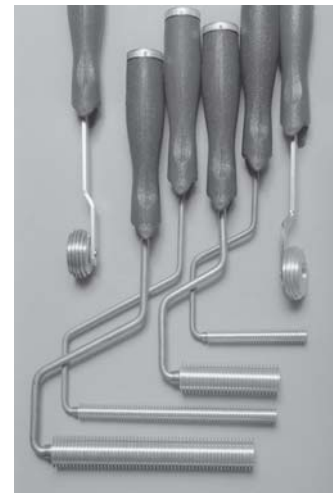
Untreated for use with resins and paints.

	Each	Sleeve (25 Pots)
1 Pt.	\$.20	\$ 4.00
1 Qt.	\$.40	\$ 7.50
2 Qt.	\$.70	\$13.95



TONGUE DEPRESSORS (Stirring Sticks)

\$ 8.00 Box of 500



ALUMINUM LAMINATING ROLLERS

Straight groove, plastic handle rollers. Used when laying up mat, stitchmat, and roving to remove air and excess resin from laminate.

1"x 6"	Straight	\$11.60
1"x 3"	Straight	\$ 8.50
1/2"x 6"	Straight	\$10.00
1/2"x 3"	Straight	\$ 8.00
1/4"	Corner	\$ 8.00
3/8"	Corner	\$ 8.00
1"x 3"	Radius	\$10.00



5" FLEXIBLE POLYETHYLENE SQUEEGES

For spreading epoxy or polyester resins and putties.

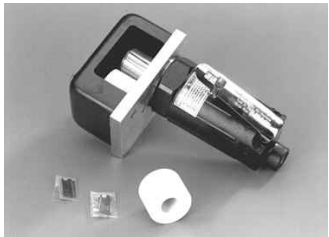
\$.65	Each
\$6.50	Dozen
\$32.50	Box of 100

Fiberglassing Tools & Accessories



**IMPORTED, "DISPOSABLE",
PURE BRISTLE,
WOOD-HANDLE
BRUSHES**

	Each	Dozen
1"	\$.40	\$ 4.00
2"	\$.60	\$ 6.00
3"	\$1.00	\$11.00
3"extra thick	\$2.00	\$21.00



ES C93 AIR POWERED FIBERGLASS CHOPPER

Compact, hand-held chopper. Perfect for small or large jobs. Variable speed for controlling glass fiber output. Can chop from 1/4" to 3" strand by adding or subtracting blades in cutter head. Air required 3.5 CFM at 80 PSI. Uses Gun Roving listed on Fiberglass Page (p. 1).

C93 Chopper \$ 286.75



7" FOAM ROLLERS

Yellow, solvent resistant, no linting. Used for application of epoxy and polyester resins, gel coats, and paints. Can be cut to fit on the 3" roller cage.

\$1.50 per roller



ES G100 ONE QUART GELCOAT CUP GUN

The industry standard for spraying small amounts (1 qt. or less) of gelcoat at a time. Aluminum, brass, and steel construction. Built-in air volume control. Includes a heavy-duty, reuseable plastic cup or can use disposable one quart paper cups listed below. Throw away the cup; the only thing to clean is the lid and the nozzle. Air requirements: 5.8 CFM at 80 PSI.

G100 Gun \$134.00

Sleeve of 25 cups \$8.50



NAP ROLLERS

Inexpensive, disposable fluffy rollers (1/4" nap). Because these rollers will hold a lot of resin, they work well for wetting out mat, roving, and heavy knits with polyester resin.

3" \$1.00 for a Twin Pack

7" \$1.00 Each

9" \$1.00 Each



ROLLER CAGES

9" - \$3.00

3" - \$2.00



LATEX GLOVES

Good quality, powdered latex, medical-style gloves for sensitivity and comfort. Hold up well against polyesters, epoxies and acetone. 5 mil. thickness. For either hand.

Size: Large

\$2.50/Dozen

\$9.00/Box of 100

\$85.00/10 Box Case



No. 1730 GERSON PARTICULATE RESPIRATOR

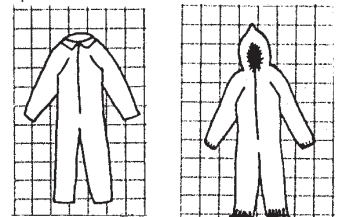
NIOSH/MSHA Approved (NIOSH N95) for Dust and Mists (provided the aerosol is free of oil). Protects against dust up to 10 times PEL (permissible exposure limit) during sanding of cured, lead-free paint, fiberglass, and plastic filler.

\$ 1.25 Each

\$18.00 Box of 20 Masks

TRAY LINERS

For Large 9" Paint Trays
\$.35 each or a full box of
144 for \$35.00



TYVEK COVERALLS

Lightweight, soft, tear-resistant, Dupont Tyvek coveralls with zippered fronts.

Excellent protection when fiberglassing, sanding, and painting. Size XXLarge only.

Plain Coverall

\$5.00/Each or \$75.00/Box of 25

Hooded Coverall with Elastic Wrists and Ankles

\$6.00/Each or
\$85.00/Box of 25

Disposable Sleeves w/ Elastic Tops and Wristes 18" Long to Protect arms from Wet Resins

\$.35/Each

MERTON'S FIBERGLASS & MARINE SUPPLY

Urethane Pour Foam

USCG approved, 2 lb. per cubic foot density, rigid urethane foam system. Mix ratio by volume is 1:1. Mixed chemicals expand up to 30 times in volume and begin to react in approximately 30 seconds at 70° F. A two (2) Gallon Unit would yield approximately 9 cubic feet. Supports approximately 63 lbs. per cubic foot. Not effected by gasoline or diesel fuels, 97% closed cell content. Most commonly used to fill bilge spaces in boats for reserve buoyancy. Best poured in stages to fill space, one pour bonds well with the next pour.

2 Pint Unit (2.5 lbs.)	\$ 15.00
2 Quart Unit (5 lbs.)	\$ 24.00
2 Gallon Unit (20 lbs.)	\$ 72.00
5 Gallon Unit (50 lbs.)	\$168.00
10 Gallon Unit (100 lbs.)	\$300.00



Composite Core Materials



SCORED, END-GRAIN Balsa CORE

Baltek CK100 Contourkore® is made from 1" x 2" end-grain, balsa wood blocks in 3/8", 1/2", and 3/4" thicknesses held together by a lightweight fiberglass scrim applied to one side. The resulting 2' x 4' sheet of end-grain blocks can then be handled and draped like a fabric into highly contoured shapes, such as boat hulls and decks, or laid flat into panels. Sandwiching balsa in between fiberglass laminations creates an extremely stiff, high strength composite with low additional weight. Balsa is the strongest of the lightweight core materials used in marine construction.

Thickness	Price/24" x 48" Sheet (8 sq. ft.)
3/8"	\$ 19.75 Each
1/2"	\$ 24.60 Each
3/4"	\$ 34.30 Each
1"	\$ 44.75 Each

SCORED FOAM CORE

Baltek Airlite® 5 lb. PVC foam core is the same type of drapable sheet as balsa core, except it is made from 3/8", 1/2", and 3/4" thick PVC foam blocks, 1" x 2", to create a 24" x 42" drapable sheet. Airlite foam core is about half the weight of CK100 balsa core and about 1/4 to 1/3 as strong in sheer, compression, and bond strenghts. Commonly used for coring in hulls and decks on boats. Even though it is 1/4 to 1/3 the strength of balsa, it is still an extremely strong core material suitable for most marine applications.

Thickness	Price/24" x 42" Sheet (7 sq. ft.)
3/8"	\$ 32.00 Each
1/2"	\$ 35.00 Each
3/4"	\$ 48.50 Each

(Scored Cores can be folded for U.P.S. shipment.)

Fuller Countersinks & Plug Cutters

COMPLETE COUNTERSINKS with Tapered Drill & Stop Collar

Drills, countersinks, and counter bores in one operation.

Screw Size	Plug Size	Price Each
#6	3/8"	\$ 12.20
#8	3/8"	\$ 12.45
#10	1/2"	\$ 13.75
#12	1/2"	\$ 14.00
#14	1/2"	\$ 14.60
#16	5/8"	\$ 17.75



REPLACEMENT TAPERED DRILLS

Screw Size	Drill Size	Price Each
#6	9/64"	\$ 4.40
#8	11/64"	\$ 4.60
#10	13/64"	\$ 5.05
#12	7/32"	\$ 5.40
#14	1/4"	\$ 5.90
#16	17/64"	\$ 6.50

PLUG CUTTERS

Chamfers plug for easy starting. Four flute-3/8" shank on 3/8, 1/2 & 5/8" cutters. 1/2" shank on 3/4 & 1" cutters.

Size	Price Each
1/4"	\$ 8.15
3/8"	\$10.50
1/2"	\$13.40
5/8"	\$15.50
3/4"	\$20.50
1"	\$29.50



Sikaflex® Polyurethane Marine Adhesive Sealant

Paintable polyurethane adhesive/sealant for bedding, sealing, and adhesive applications above and below the waterline. Excellent adhesion to gel coat, fiberglass, wood, metal, and glass. This product is an excellent choice for caulking wood seams on boats and bedding deck hardware, spray and rub rails, and thru-hulls. Its resilience (elasticity) is what makes it so perfect as an all-round sealant on boats and also makes it a little more forgiving, if and when a part has to be removed. Tack free in 3 to 5 hours at 70°F, full cure in 3 to 5 days. Movement capability +25%.

291 Lot	10.3 oz.
Colors: White, Mahogany, and Black	
\$9.50 Each	\$98.00/Case of 12

MERTON'S FIBERGLASS & MARINE SUPPLY

Nautical® Anti-Fouling Bottom Paints

A Division of **Interlux**

SUPER EPOXYCOP® ABLATIVE

Multi-season ablative copolymer anti-foulant.

Similar to Interlux Micron CSC.

Super Epoxycop Ablative is a high loaded cuprous oxide (55%), multi-season, ablative, anti-fouling paint. Technically advanced formulation effectively combats fouling in the most severe fouling conditions under continuous use. Polishing ablative technology provides reliable extended protection for both power and sailboats. (A hard ablative bottom paint for fast boats.)

Colors: Red, Green, Black, Blue \$156.75/Gallon

SUPER KL®

High Strength Full Season Antifoulant. Similar to Interlux® Ultracoat

Super KL® is a high loaded cuprous oxide (70%), antifouling paint. Technically advanced formulation effectively combats fouling in the most severe fouling conditions under continuous use. Provides full season of service in tropical fouling waters and continuous use conditions. Modified hard finish provides reliable extended protection.

\$163.50/Gallon Colors: Red, Green, Black, Blue

EPOXYCOP®

Full Season Powerboat Antifoulant. Similar to Interlux FG Bottom Kote.

High cuprous oxide load (43%) with modified hard resin technology provides tough, abrasion resistant paint for high-speed vessels and trailered or dry stored boats.

Colors: Red, Green, Black, Blue

\$92.95/Gallon \$30.85/Quart

GLOUCESTER® TARR AND WONSON

25% copper content, soft, low cost anti-foulant.

Tarr and Wonson is great for slower power boats, floats, docks, etc... For seasonal protection in moderate fouling waters at a very economical price.

Colors: Red, Green, Black, Blue \$72.00/Gallon

White Topside Enamel

SEALUX/INTERLUX® TOPSIDE ALKYD ENAMEL

Sealux is a brilliant, durable, and attractive one-part, oil-based finish. Apply to any properly prepared wood, fiberglass, or metal surface above the waterline.

4404 Super High Gloss White \$33.00/Gallon

N100 Semi-Gloss White

N401 Flat White

Blister Prevention Coating

INTERLUX® InterProtect® 2000E

For Prevention of Osmotic Blistering

A unique 2 part epoxy coating developed to protect fiberglass boat bottoms from water absorption which can lead to gelcoat blisters. It contains millions of overlapping microscopic plates in the epoxy coating which help stop the water migration into the fiberglass. Also, an excellent primer for all underwater metals. No sanding required between coats for up to 2 weeks. No sanding required before application of bottom paint within 7 hours at 60-80° F.. Recommended minimum coating thickness is 10 mils (4 to 5 coats at 2.5 mils per coat.)

\$77.00/One Gallon Kit \$26.50/One Quart Kit

Toll Free: (800) 333-0314 • Telephone: (413) 736-0348 • Fax: (413) 736-3182 • Web: www.mertons.com • e-mail: sales@mertons.com

Epoxy Primer

INTERLUX® 404/414 EPOXY BARRIER KOTE®

Interlux two-part epoxy primer, flat white.

A multi-purpose primer/undercoater for use above or below the waterline. Excellent as a barrier coat system below water line under anti-fouling paints, for priming and filling crazed gelcoat prior to application of finish paint system, and as a tie-coat primer between epoxy resins and finish paints. Also an excellent primer on aluminum and steel. This product must be thinned with appropriate thinners (listed below.) Mixing ratio 3:1. Kit includes base and reactor. **Great primer for cured System Three Epoxy!**

\$78.25/One Gallon Kit \$26.80/One Quart Kit

Interlux® Epoxy Thinners

2333/BRUSH THINNER AND 2316/SPRAY THINNER

For thinning Interlux 404/414 Epoxy Primer and InterProtect.

#2333/Brush Thinner \$17.00/Quart

#2316/Spray Thinner \$11.60/Quart

Varnishes and Stains

INTERLUX® SCHOONER®

Schooner contains ultra violet filters for remarkable durability in sunlight. Excellent water resistance and silky application. Superior self-leveling property and a bright, clear, high gloss afford a pristine finish with the traditional golden color.

\$81.60/Gallon \$23.80/Quart \$16.00/Pint

INTERLUX® ORIGINAL® 90

High gloss, traditional spar varnish with UV resistance.

Ease of use and traditional golden color makes

Original® 90 an ideal choice for use on exterior and interior brightwork. It has good cold weather dry through and ultra-violet characteristics. A good value varnish coating.

\$15.20/Quart

INTERLUX® JETSPEED® 100

An exceptionally quick drying varnish.

Intended for use when fast build-up coats are necessary. Should be top-coated with a varnish with UV-Filters such as Interlux® Original® 90 or Interlux® Schooner®.

\$18.20/Quart

INTERLUX® INTERSTAIN®

Paste, wood filler stain in Brown, Chris Craft Mahogany, Red Mahogany, and Natural.

\$17.60/Pint

INTERLUX® PERFECTION® VARNISH

Perfection Varnish is a clear, two-part linear polyurethane coating for wood and epoxy. Easy to apply by brush and excellent UV protection make this varnish a popular choice. Formerly Interthane Plus Varnish, this product was given the highest rating by Practical Sailor magazine. Brushes easily with excellent leveling properties. Hardens into an extremely tough high gloss providing a weather resistant, clear coating. Perfection Varnish also uses the latest technology in ultra-violet

\$57.90/Quart Kit

EPIFANES®

Yacht Coatings

**High Quality Marine Finishes
Manufactured in Holland**

One Liter (1000 ML)=33.8 FL.OZ.

One Quart=32 FL.OZ.

Varnishes and Clear Finishes

EPIFANES® CLEAR VARNISH

World famous, highest quality marine spar varnish. Manufactured with tung oil, U.V. filters, phenol and alkyd resins for superior protection.

Faster Buildup, Longest Lasting!

250 ML	\$ 9.55
500 ML	\$14.75
1000 ML	\$27.35

EPIFANES® WOOD FINISH GLOSS

High build, hard varnish-like finish without sanding between coats. High gloss beauty with outstanding U.V. protection for teak and other fine hardwoods.

No Sanding Between Coats!

Good base for Epifanes® Clear and Rubbed Effect!

500 ML	\$16.10
1000 ML	\$29.50

EPIFANES® RAPIDCLEAR

Semi-gloss, No Sand, Excellent Clear Coating for Teak! One-component clear wood finish based on modified alkyd/urethane resin. U.V. protecting. Epifanes Rapidclear, providing excellent protection in all climates is the answer for a quick and easy alternative to conventional varnish. No sanding between coats. Bonds well to teak and other oily woods. Quick dry.

750 ML	\$27.80
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EPIFANES® WOOD FINISH MATTE

Exterior protection in a matte finish. A finish coat over Wood Finish Gloss. Beautiful, satin sheen with U.V. protection for interior or exterior use.

500 ML	\$19.80
1000 ML	\$35.30

EPIFANES® RUBBED EFFECT VARNISH

Interior varnish, rich satin luster! Gives a rich, hand-rubbed look for beautiful interior protection. Best over build-up coats of Epifanes® Wood Finish Gloss.

500 ML	\$16.60
1000 ML	\$30.65

Single Component Topside Finishes

EPIFANES® YACHT ENAMEL

High gloss, classic yacht enamel, one part, air cure. Based on oil modified alkyd resins. Superior flow, gloss, and durability. Excellent flexibility and water resistance in all climates. Ultimate alkyd enamel finish for wood, fiberglass, steel and aluminum.

Absolutely the Best for Traditional Wood Construction!

All Colors 750 ML \$24.30/Each

Ultra White

#1	Cream	#27	Gray Mist
#2	Beige	#28	Water Blue
#3	Wheat	#29	Ocean Blue
#4	Buff	#30	Teal Green
#6	Tropic Green	#33	Light Brown
#7	Bright Blue	#35	Red Brown
#11	Dado Brown	#37	Yellow
#14	Mahogany	#40	Off White
#16	Bright Red	#62	Atlantic Green
#18	Light Gray	#72	Dark Green
#19	Black	#210	Antique Ivory
#21	Orange	#213	French Gray
#24	Light Oyster	#215	Sky Blue
#25	Alpine White	#216	Pearl Gray
#26	Buff	#217	Light Blue

EPIFANES® MONOURETHANE COATINGS

Excellent one-part urethane for fiberglass gelcoat! Years of testing and on-vessel experience have proven this unique finish to be the most advanced, highly engineered single-part formulation, based on urethane-alkyd resins, available. It gives incredibly hard urethane abrasion and chemical resistance with outstanding gloss, durability, color retention and U.V. protection, with the ease of application of an enamel. Rated best 1 part urethane by "Practical Sailor" and "Powerboat Reports."

All Colors 750 ML \$29.25/Each

White

#3101	Cream	#3125	Alpine White
#3107	Bright Blue	#3129	Deep Blue
#3108	Dark Blue	#3140	Mattahorn White
#3116	Bright Red	#3165	Deep Green
#3117	Bold Yellow	#3168	Green
#3119	Black	#3172	Dark Green
#3124	Light Oyster	#3212	Gray

MERTON'S FIBERGLASS & MARINE SUPPLY

Epifanes® Two-Part Polyurethane Topside Finishes

Hardest, toughest, longest lasting! Two-part, polyester saturated, aliphatic urethane coating formulated for maximum resin depth and hardness with a long lasting, mirror-like gloss. Ultimate finish coat for fiberglass, aluminum, steel, and wood. For use on all epoxy primed substrates or direct application on thoroughly cleaned and degreased fiberglass gelcoat surfaces above the waterline. For brush, roller, or spray application with appropriate thinner. Package includes base and reactor.

750 Grams \$47.20

(approximately 560 ML)

#829	Sand
#800	White
#831	Gray Tone
#801	Black
#839	Off White
#802	Orange
#845	Red
#803	Cream
#852	Bold Blue
#804	Light Oyster
#853	Capri Blue
#805	Alpine White
#854	Dark Blue
#811	Gray Mist
#856	Deep Red
#817	Yellow
#859	Green
#821	Gray
#875	Black Green
#825	Dark Brown
#879	Dark Green
#826	Buff
#850	Bright Blue

Epifanes® Non-Skid Deck Coating

Exceptionally strong, urethane-alkyd based, single part deck coating (eggshell finish.) Pre-mixed with polypropylene beads. Two coats rolled will render a textured surface for long-lasting, non-skid protection.

750 ML \$28.50

Colors: White, Cream, Gray

Epifanes® Primer Systems

EPIFANES® ONE-PART FIBERGLASS PRIMER

Provides optimum adhesion to fiberglass gel coat surfaces above the waterline. Maximizes adhesion for one-part topside finishes. High build, excellent covering capability.

750 ML \$23.25

Color: Eggshell White

EPIFANES® WERDOL WOOD PRIMER

One-part, oil base wood primer for one-part paints. Excellent build and sandability!

750 ML \$15.40

Color: White and Gray (Eggshell Finish)

EPIFANES® MULTI-PRIME

A one-part multi-purpose tie-coat or sanding and adhesion primer for above the waterline, combining all characteristics of separate substrate primers in one. Epifanes Multi-Marine Primer offers excellent adhesion to wood, fiberglass, steel and aluminum.

750 ML \$22.35

Colors: White and Gray

Epifanes® Thinners and Cleaners

THINNER FOR ONE-PART PAINTS AND VARNISHES

Brush Thinner	500 ML	\$ 8.20
Brush Thinner	1000 ML	\$10.60
Spray Thinner	1000 ML	\$12.20

THINNER FOR TWO-PART POLYURETHANE

Brush Thinner	500 ML	\$12.80
Brush Thinner	1000 ML	\$20.20
Spray Thinner	1000 ML	\$17.10

ACCELERATOR FOR PAINT AND VARNISH

A special, resin-based additive which speeds the curing process of Epifanes' one-part paints and varnishes. Will not effect application of finish.

500 ML \$13.85

Fastenings

SILICON BRONZE WOOD SCREWS

FLAT HEAD, SLOTTED

*Indicates sizes available in Frearson

Size	Per 100
1/2" X 6	\$ 5.30
5/8" X 6	\$ 7.00
3/4" X 6	\$ 8.25
1" X 6	\$10.15
3/4" x 8*	\$ 12.70
1"x 8*	\$ 14.95
1 1/4"x 8*	\$ 15.20
1 1/2"x 8*	\$19.38
1 3/4"x 8*	\$21.88
1"x 10	\$17.85
1 1/4"x 10	\$22.05
1 1/2"x 10	\$25.55
1 3/4"x 10*	\$29.23
2"x 10*	\$33.57
2 1/2" x 10*	\$40.70
1 1/4" X 12*	\$30.00
1 1/2"x 12*	\$36.10
1 3/4"x 12*	\$41.42
2"x 12*	\$44.75
2 1/2"x 12*	\$52.42
3" x 12*	\$63.00
1 1/2"x 14*	\$44.35
1 3/4"x 14 *	\$55.78
2"x 14*	\$58.00
2 1/4"x 14	\$70.00
2 1/2"x 14*	\$72.65
3"x 14*	\$96.53
3"x 16	\$56.75
3 1/2" x 16	\$63.25



Slotted



Frearson

Frearson Drive Bit \$ 1.00 Each

Less 10% on orders of 1,000 or more per size.

SILICON BRONZE RING BARBED NAILS



#14	#12	#10	#8	#6
.083"	.109"	.134"	.165"	.203"
1/2"	3/4"	1 1/2"	2"	4"
3/4"	1"	1 3/4"	2 1/2"	
7/8"	1 1/4"	2"	3"	
1"	1 1/2"	2 1/2"		
	1 3/4"	3"		
	2"			

Prices (May be assorted)

1-10 lbs.	\$13.60/lb.
11-24 lbs.	\$12.50/lb.
25 lbs. or more	\$11.60/lb.

SILICON BRONZE CARRIAGE BOLTS

For hanging canoe seats and thwarts.
3/16" Diameter (10-24 Thread)



Lengths	Each	Per 100
2"	\$ 1.20	\$97.50
4"	\$ 1.40	\$117.00
6"	\$ 5.40	\$463.30

10-24 Silicon Bronze Nuts

\$.11

#10 Silicon Bronze Flat Washer

\$.05

#10 Silicon Bronze Split Lock

\$.05

SILICON BRONZE ROD (UNTHREADED)

Sold in 1 foot increments up to 6 feet.



Diameter	Price/Foot
1/4"	\$ 4.15
5/16"	\$ 7.10
3/8"	\$ 8.20
1/2"	\$15.35
5/8"	\$22.50

Silicon Bronze Nuts and Washers

Price per Each

	Nuts	Flats	Locks
1/4"	\$.14	\$.14	\$.09
5/16"	\$.21	\$.23	\$.11
3/8"	\$.50	\$.27	\$.17
1/2"	\$.75	\$.68	\$.34
5/8"	\$1.75	\$1.10	\$.46

CUT COPPER TACKS

Length Count/lb.

3/8"	2900	\$35.20/lb
1/2"	1650	\$33.70/lb
3/4"	760	\$27.25/lb
1"	420	\$26.75/lb



BRASS ESCUTCHEON PINS

Sizes

1/2"-18	
3/4"-16	
1"-16	\$16.00/lb
1 1/4"-16	\$2.50/oz.
1 1/2"-16	



18-8 STAINLESS STEEL SELF-TAPPING SCREWS

Flat, Oval or Pan Head
All Phillips Drive

F=Flat Head
O=Oval Head
P=Pan Head

SIZE PER 100

1/2" x 4	\$2.40	FO
3/4" x 4	\$2.65	FO
1" x 4	\$3.40	FO



Flat Head

1/2" x 6	\$2.90	FOP
3/4" x 6	\$3.20	FOP
1" x 6	\$4.20	FOP
1 1/4" x 6	\$5.00	FOP

1/2" x 8	\$4.20	FOP
3/4" x 8	\$4.30	FOP
1" x 8	\$4.40	FOP
1 1/4" x 8	\$4.70	FOP
1 1/2" x 8	\$4.90	FOP

3/4" x 10	\$4.35	FOP
1" x 10	\$4.95	FOP
1 1/4" x 10	\$5.40	FOP
1 1/2" x 10	\$6.25	FOP
1 3/4" x 10	\$7.10	FOP
2" x 10	\$7.80	FOP



Oval Head

3/4" x 12	\$8.00	FOP
1" x 12	\$8.50	FOP
1 1/4" x 12	\$8.85	FOP
1 1/2" x 12	\$10.20	FOP
1 3/4" x 12	\$10.40	FO
2" x 12	\$12.35	FO
2 1/2" x 12	\$12.65	FO
3" x 12	\$14.40	FO

1" x 14	\$10.00	FOP
1 1/4" x 14	\$11.80	FOP
1 1/2" x 14	\$13.20	FOP
1 3/4" x 14	\$13.90	FO
2" x 14	\$14.70	FO
2 1/2" x 14	\$15.85	FO
3" x 14	\$18.60	FO



Pan Head

For quantities less than 100, multiply price per 100 by 1.5.

Less 10% on orders of 1,000 screws or more, per size.

MERTON'S FIBERGLASS & MARINE SUPPLY

Fastenings

18-8 STAINLESS STEEL HEX HEAD CAP SCREWS



Length	1/4-20		5/16-18		3/8-16		1/2-13		5/8-11	
	Each	Per 100	Each	Per 100	Each	Per 100	Each	Per 100	Each	Per 100
3/4"	\$.10	\$7.60	-----	-----	-----	-----	-----	-----	-----	-----
1"	\$.15	\$10.75	\$.20	\$13.50	\$.30	\$20.25	-----	-----	-----	-----
1 1/2"	\$.20	\$12.95	\$.30	\$19.60	\$.40	\$27.40	\$.80	\$53.75	\$1.30	\$88.60
2"	\$.25	\$15.80	\$.35	\$24.65	\$.50	\$35.80	\$.90	\$65.20	\$1.50	\$106.00
2 1/2"	\$.30	\$18.70	\$.50	\$30.40	\$.60	\$43.00	\$1.10	\$73.00	\$1.80	\$125.50
3"	\$.35	\$24.00	\$.60	\$33.50	\$.70	\$47.60	\$1.40	\$93.60	\$2.00	\$143.90
3 1/2"	\$.40	\$28.35	\$.70	\$38.60	\$.80	\$50.60	\$1.50	\$101.80	\$2.40	\$167.60
4"	\$.45	\$34.20	\$.75	\$43.85	\$.90	\$66.40	\$1.70	\$117.00	\$2.90	\$207.00
4 1/2"	-----	-----	\$.85	\$50.60	\$1.00	\$68.70	\$1.90	\$133.50	\$3.20	\$228.30
5"	-----	-----	\$.95	\$55.20	\$1.10	\$83.00	\$2.20	\$148.95	\$3.50	\$247.30
5 1/2"	-----	-----	\$1.00	\$66.80	\$1.20	\$87.30	\$2.40	\$171.40	\$3.80	\$269.70
6"	-----	-----	\$1.10	\$74.00	\$1.30	\$92.70	\$2.70	\$188.50	\$4.00	\$284.70

18-8 STAINLESS STEEL MACHINE SCREWS (Flat Head Phillips, Round Head Slotted, All-Thread)

Length	8-32	
	Each	Per 100
1/2"	\$.05	\$2.70
3/4"	\$.06	\$3.00
1"	\$.08	\$4.60
1 1/4"	\$.12	\$5.40
1 1/2"	\$.15	\$6.40
2"	\$.20	\$8.30

Length	10-24	
	Each	Per 100
1/2"	\$.07	\$3.90
3/4"	\$.09	\$4.70
1"	\$.11	\$5.80
1 1/4"	\$.14	\$7.00
1 1/2"	\$.16	\$8.00
1 3/4"	\$.18	\$9.25
2"	\$.20	\$10.20
2 1/2"	\$.25	\$12.70
3"	\$.30	\$15.00

Length	1/4-20	
	Each	Per 100
3/4"	\$.16	\$7.95
1"	\$.18	\$8.85
1 1/2"	\$.24	\$11.85
2"	\$.30	\$15.00
2 1/2"	\$.40	\$19.00
3"	\$.42	\$20.70
3 1/2"	\$.53	\$26.20
4"	\$.60	\$29.00

Length	5/16-18 (Flat Slot Only)	
	Each	Per 100
1"	\$.55	\$27.20
1 1/2"	\$.60	\$30.30
2"	\$.80	\$38.00
2 1/2"	\$.90	\$39.70
3"	\$1.10	\$55.00
3 1/2"	\$1.50	\$76.40
4"	\$1.60	\$81.00

Length	3/8-16 (Flat Slot Only)	
	Each	Per 100
1"	\$.75	\$36.00
1 1/2"	\$.85	\$42.90
2"	\$1.13	\$56.60
2 1/2"	\$1.35	\$66.50
3"	\$1.60	\$78.30
3 1/2"	\$1.95	\$97.50
4"	\$2.00	\$99.70

Flat Phillips



Flat Slotted



Round Slotted



STAINLESS STEEL CARRIAGE BOLTS

Length	1/4-20		5/16-18		3/8-16	
	Each	Per 100	Each	Per 100	Each	Per 100
1"	\$.28	\$13.80	\$.45	\$22.70	-----	-----
1 1/2"	\$.30	\$14.50	\$.56	\$27.60	-----	-----
2"	\$.34	\$17.00	\$.65	\$31.20	\$.85	\$41.80
2 1/2"	\$.42	\$20.70	\$.75	\$36.70	\$1.00	\$51.70
3"	\$.50	\$24.30	\$.85	\$41.90	\$1.10	\$54.50
3 1/2"	\$.60	\$28.30	\$.95	\$46.60	\$1.25	\$63.50
4"	\$.70	\$32.80	\$1.00	\$51.70	\$1.38	\$69.00
4 1/2"	-----	-----	-----	-----	-----	-----
5"	\$.85	\$41.40	\$2.20	\$110.00	\$1.45	\$72.80
6"	\$1.10	\$53.00	\$3.90	\$193.60	\$2.00	\$101.70



18-8 STAINLESS STEEL THREADED ROD

(3 Foot Lengths Only)

Size	Each
1/4"-20	\$3.40
5/16"-18	\$5.20
3/8"-16	\$8.40
1/2"-13	\$13.60
5/8"-11	\$22.00
3/4"-10	\$32.00



Fastenings

18-8 STAINLESS STEEL HEX NUTS

(Full Finish)

SIZE	EACH	PER 100
8-32	\$.05	\$ 2.65
10-24	\$.06	\$ 2.95
1/4-20	\$.08	\$ 4.00
5/16-18	\$.10	\$ 4.95
3/8-16	\$.15	\$ 7.60
1/2-13	\$.33	\$16.40
5/8-11	\$.70	\$35.20
3/4-10	\$1.60	\$50.25



18-8 STAINLESS NY-LOCKS

Nylon Inserted Lock Nuts

SIZE	EACH	PER 100
8-32	\$.07	\$ 3.70
10-24	\$.07	\$ 4.00
10-32	\$.10	\$ 5.30
1/4-20	\$.12	\$ 5.75
5/16-18	\$.14	\$ 6.95
3/8-16	\$.21	\$10.60
1/2-13	\$.58	\$29.00
5/8-11	\$1.20	\$58.80



18-8 STAINLESS STEEL ACORN NUTS

SIZE EACH PER 100

8-32	\$.50	\$24.40
10-24	\$.52	\$25.30
1/4-20	\$.60	\$28.60
5/16-18	\$.75	\$37.60
3/8-16	\$1.20	\$60.70



18-8 STAINLESS STEEL SPLIT LOCK WASHERS

SIZE	EACH	PER 100
No. 8	\$.03	\$ 1.55
No. 10	\$.04	\$ 1.90
1/4"	\$.05	\$ 2.10
5/16"	\$.06	\$ 3.10
3/8"	\$.10	\$ 4.60
1/2"	\$.20	\$10.00
5/8"	\$.35	\$18.00
3/4"	\$.60	\$31.60



18-8 STAINLESS STEEL FLAT WASHERS

SIZE	EACH	PER 100
No. 8	\$.03	\$ 1.90
No. 10	\$.04	\$ 2.00
1/4"	\$.05	\$ 2.20
5/16"	\$.06	\$ 3.15
3/8"	\$.10	\$ 4.60
1/2"	\$.16	\$ 7.60
5/8"	\$.38	\$18.20
3/4"	\$.50	\$25.30



18-8 STAINLESS STEEL FENDER WASHERS

SIZE	EACH	PER 100
No. 8	\$.12	\$ 5.75
No. 10	\$.14	\$ 6.45
1/4"	\$.15	\$ 7.20
5/16"	\$.25	\$11.50
3/8"	\$.26	\$13.00



18-8 STAINLESS STEEL FINISH WASHERS

SCREW SIZE	EACH	PER 100
No. 6	\$.12	\$5.75
No. 8	\$.14	\$6.45
No. 10	\$.15	\$7.20
No. 12	\$.25	\$11.50
No. 14 (1/4")	\$.26	\$13.00



18-8 STAINLESS STEEL WING NUTS

SIZE	EACH	PER 100
8-32	\$.50	\$ 28.00
10-24	\$.52	\$ 35.00
1/4-20	\$.60	\$ 52.00
5/16-18	\$.75	\$167.00
3/8-16	\$1.20	



18-8 STAINLESS STEEL BUTTON HEAD SOCKET CAP SCREWS

6-32	Each	Per 100
1/2"	\$.10	\$4.30
3/4"	\$.20	\$7.70

8-32	Each	Per 100
1/2"	\$.12	\$6.15
3/4"	\$.14	\$6.40
1"	\$.20	\$9.80

10-24	Each	Per 100
1/2"	\$.20	\$9.85
3/4"	\$.20	\$10.00
1"	\$.22	\$10.70

10-32	Each	Per 100
1/2"	\$.16	\$8.20
3/4"	\$.20	\$10.00
1"	\$.24	\$11.50

1/4-20	Each	Per 100
1/2"	\$.36	\$17.70
3/4"	\$.38	\$18.00
1"	\$.39	\$18.40
1 1/4"	\$.50	\$24.50
1 1/2"	\$.52	\$24.80

5/16-18	Each	Per 100
3/4"	\$.44	\$22.10
1"	\$.50	\$25.30
1 1/4"	\$.70	\$34.50
1 1/2"	\$.90	\$45.10

3/8-16	Each	Per 100
3/4"	\$1.00	\$50.10
1"	\$1.10	\$51.00
1 1/4"	\$1.20	\$52.90
1 1/2"	\$1.30	\$63.10



Ordering Information

TOLL FREE: 1-800-333-0314
PHONE: 1-413-736-0348
FAX: 413-736-3182
INTERNET: www.mertons.com
E-MAIL: sales@mertons.com
HOURS: 9 a.m. to 6 p.m., EST,
Monday through Friday.

Mailing Address:

P.O. Box 399, East Longmeadow, MA 01028

Store Address:

314 Rocus Street, Springfield, MA 01104

TERMS: Visa, MasterCard, Payment in Advance, COD (Certified or bank check only).

For fastest and simplest service, phone in your order by calling the Toll-Free number from anywhere in the USA and use your Visa or MasterCard or we will ship COD (Certified or bank check only). Fax, e-mail, or mail in your handwritten order with payment in advance (check or charge card). If using a charge card, include all numbers on card, the expiration date, and the cardholder's name. Please include a phone number in case we have any questions about your order. Any overpayment will be credited to your account, or will be returned to you by check at any time you desire.

Authorization must be obtained from us before any returns will be accepted and restocking charges may be incurred.

Most orders are shipped via U.P.S. Heavier items that U.P.S. cannot handle must be shipped common carrier. Due to the ever increasing cost of the UPS Hazardous Handling Charge, Common Carrier Trucking is becoming more economical in many cases. We will use the quickest and most economical transporter to keep the customers' shipping costs down. If a Common Carrier Trucker is going to be used, shipping arrangements will be discussed with the customer.

Please call if you have any questions about freight costs or what certain items weigh. U.P.S. cannot deliver to a Post Office Box Number. A street address is required.

Additional UPS Charges

Charge for Each COD Received for Collection \$7.50

**Prices Subject To Change Without Notice
FOB Springfield, MA March 31, 2004**

Directions to Store Location:

From Route 91 North or South to Springfield, MA. Take Route 291 E to Exit 5A (Route 20 East.) Go to second light and turn right onto Oakdale St. Go to Stop Sign and turn left onto Rocus St. Merton's is 1/4 mile on the left.

Warranty and Disclaimer:

Information in this catalog is offered as a guide to ordering and application only. It is not meant to be a product specification. Although we have done our best to ensure the accuracy of the information contained in the catalog, we are not responsible for any errors. Potential users of these products should exercise caution when working with them and do some experimentation to learn how to handle them correctly. These products are sold without warranty for fitness of purpose. To the extent allowed by law, Merton's Fiberglass Supply shall be liable only for refund or replacement of defective materials, and will not be responsible for incidental or consequential damage resulting from the use of these products.

Note:

We handle only top quality "marine grade" resins and fiberglass products from respected manufacturers, suitable for marine construction and repair. We choose not to carry the many cheaper, B grade or off-spec. resins, or any other products that are not appropriate for boatbuilding.

Basic Ordering Checklist

- Fiberglass: Cloth, Mat, Roving, Tape, Etc...**
- Resin: Polyester, Epoxy**
- Fillers and Additives: Thixotropic Powder, Microballons, Etc...**
- Mixing and Measuring Cups**
- Brushes, Rollers, and Squeegees**
- Gloves and Coveralls**
- Gelcoats or Paints**

