



MARINE BONDING ADHESIVES

FOR MANUFACTURING & ASSEMBLY APPLICATIONS



MARINE INDUSTRY OVERVIEW: **WHEN VENDORS DON'T CUT IT**

Marine manufacturing is unforgiving. Saltwater, UV, vibration, and tight deadlines mean your adhesives and fasteners can't fail. The wrong choice can stall production, trigger costly repairs, or erode customer trust.

That's why leading boatbuilders, repair yards, and marine fabricators turn to Chemical Concepts. For over 50 years, we've specialized in marine adhesives, fasteners, and composites that keep projects moving forward – backed by application expertise, supply reliability, and a full portfolio of trusted brands like Scigrip®, Plexus®, Sikaflex®, and more.

Whether you're bonding hulls, sealing hatches, installing interiors, or reinforcing structures, we match the right solution to your application – so your boats stay strong, safe, and on schedule.

FEATURED MARINE **BRANDS**

To help you find the right adhesive for your manufacturing process, we've partnered with some of the highest-performing and most trusted brands in the industry.

PLEXUS

Parker LORD

Chem-Set™

SABA
adhesives & sealants

SCI GRIP™

BOA BOND

CHT
SMART CHEMISTRY
WITH CHARACTER.

ASI

COPPS

HUNTSMAN
Enriching lives through innovation

Sika®

BOSTIK

Tensorgrip®

MARINE PRODUCTS / PLEXUS

**PLEXUS
MA300**

Bonds Metals, Plastics, & Composites

- Gels in 3–6 min; 1,000 psi in 13–16 min
- 3,000–3,800 psi shear strength
- 1:1 mix; non-sag gel for vertical use


**PLEXUS
MA310**

MMA Structural Adhesive. Bonds Metals, Plastics, & Composites

- 15–18 min work, 30–35 min fixture
- 3,000–3,500 psi shear strength
- 1:1 mix; non-sag dispensing


**PLEXUS
MA320**

Ideal for Marine, Wind & Transport

- 8–12 min work; 25–30 min fixture
- High elongation and excellent stress distribution
- Bonds composites & metals


**PLEXUS
H4110**

Faster Alternative To Construction Adhesive

- Excellent environmental resistance
- Elastic bonding
- Excellent gap filling and thixotropic
- Easy to use 1:1 ratio


**PLEXUS
MA530**

Bonds Metals, Plastics, & Composites

- 2,500–3,500 psi tensile strength
- 30–40 min work; 90–160 min fixture
- 1:1 mix; gap-filling, durable bonds


**PLEXUS
MA560-1**

All purpose, high strength, high toughness, medium open time

- 90–105 min work; extended open time
- 2,000–2,500 psi tensile strength
- Exceptional Gap-Filling


**PLEXUS
MA590**

1:1 mix; Gap-filling, Non-sag Gel

- 90–105 min work; long open time
- 2,000–2,500 psi tensile strength
- Tensile Elongation: > 130%


**PLEXUS
MA8XXX**

Primerless Bond to Metals & Nylon

- Strong, tough, flexible bonds
- 1:1 mix
- Low odor
- Salt spray resistant
- Glass bead control
- Use on galvanized metals


**PLEXUS
MA2015**

Structural Bonding of Thermo-plastic, metal, and composite assemblies

- UV stable—resists yellowing
- 12–18 min work time
- 40–50 min fixture time
- 2,700–3,200 psi tensile strength


**PLEXUS
MA2045**

10:1 mix; Non-sag, Vertical bonding

- 40–50 min work time
- 100–130 min fixture time
- 2,200–2,900 psi tensile strength
- 90–125% elongation; high toughness


**PLEXUS
MA2230**

Primerless Bond to Metals & Nylon

- Working time 25 – 35 mins
- Extremely low exotherm
- Highly thixotropic with an ability dispense large non-sag beads


**PLEXUS
MA2290**

Primerless Bond to Metals & Nylon

- Working time 80 – 110 mins
- Extremely low exotherm
- Highly thixotropic with an ability dispense large non-sag beads

MARINE PRODUCTS / SCIGRIP



SCIGRIP® SG100 MMA

UV Resistant Toughened MMA 10:1 Methacrylate Adhesive

- Achieves strong, durable bonds on a wide range of substrates with minimal surface preparation, reducing labor and production cycles.



SCIGRIP® SG200

Superior Strength and Durability

- Superior strength and durability
- Excellent versatility across multiple substrates
- High chemical resistance



SCIGRIP® SG230 MMA

Non-Sag Toughened MMA 10:1 Methacrylate Adhesive

- Composite Top Structure Bonding
- Non-sag formulation for precise application
- Hovercraft Deck Bonding



SCIGRIP® SG300 MMA

MA | Metal Bonding | No Primer Required

- Fastener Bonding
- Composite Top Structure Bonding
- Hovercraft Deck Bonding
- Tender Boat Seating Bonding; Window Frame to Deck Frame



SCIGRIP® SG400 LSE

Polyolefin & Soft Plastics Bonder for Low Surface Energy Materials MMA Methacrylate Adhesive

- High-performance MMA structural solution engineered to bond polyolefins and low surface energy plastics.



SCIGRIP® SG800 MMA

MMA Primerless Nonsag Gel 10:1 Methacrylate Adhesive

- Exceptional bond strength and long-term durability
- Primerless adhesion to a wide range of metal and plastic substrates



SCIGRIP® SG5000 MMA

MMA | Mold Repair | General Purpose

- Fastener Bonding
- Tender Boat Seating Bonding
- Window Frame to Deck Frame



SCIGRIP® SCIGRIP 66

For Vinyl Repairs

- Pond liners, shower pans, pool liners, moisture barriers, waterbeds, upholstery.
- Bonds canvas and other substrates.
- Fast drying



SABA
adhesives & sealants

Sabatack 750

MS Polymer-based adhesive and sealant

- One component general adhesive
- Solvent free, non-sagging
- UV Stable
- Easy to apply



SABA
adhesives & sealants

Sabatack 780

MS Polymer-based adhesive and sealant

- One component
- Solvent free, non-sagging
- Humidity curing
- High tensile strength
- High Viscosity



SABA
adhesives & sealants

Sabatack 760 XL HT High Tack Window Adhesive

- One component
- Solvent free, non-sagging
- UV Stable
- Low sensitivity to blistering
- Paint wet or dry



SABA
adhesives & sealants

Sabatack 950 Boost Boosted MS Hybrid Adhesive

- Two-component
- Sausage pack
- Hazard Free
- Permanently Elastic
- Low sensitivity to blistering

SIKA PRODUCTS



Sikasil GP
Acetoxy Silicone

- Excellent adhesion, bonds to many substrates without priming
- Fast Cure
- Wide service temperature
- Superior gunning & tooling



Sikafast 3131
Toughened Structural

- Strength development within minutes after application
- Superior low-temperature flexibility
- Spacer for control of bond thickness



Sikaflex 291

Trusted Marine-Grade Adhesive & Sealant

- Fast cure, boat-builder trusted
- Bonds gelcoat, fiberglass, metal & wood; resists saltwater, works above & below waterline
- NSF & USDA approved



Sikaflex 295

One-component Polyurethane Adhesive/Sealant

- Bonds acrylic and polycarbonate windows & hatches
- UV-stable, non-chalking
- Marine-grade sealing

BOSTIK PRODUCTS



BOSTIK
Marine Adhesive

920 Urethane Adhesive/Sealant

- High-performance marine sealant
- Bonds most common marine substrates, including virtually all woods, metal, FRP and most plastics



BOSTIK

920FS Adhesive/Sealant

- High-performance marine sealant
- One-part, gun-grade urethane adhesive/sealant
- Tenacious adhesion to most common marine substrates



BOSTIK

940FS Fast Set Hybrid Polymer

- High-performance marine sealant
- Moisture-curing
- Fast-skinning
- One-component; hybrid polymer adhesive



BOSTIK
Born2Bond

Born2Bond Threadlocker TA-71 – 50ml

- High-strength
- General-purpose threadlocker
- Fixtures in ~10 min; breakaway strength 33 Nm
- Vibration- and corrosion-resistant seal



BOSTIK
Never Seez
Mariners

Choice Brush Top Can

- Prevents galvanic corrosion in salt and fresh water environments
- Excellent extreme pressure lubricating properties
- Low torque factor
- Compatible with soft metals
- Contains no copper



BOSTIK
Born2Bond

SIL-9605 CTG400ML/C10/BLACK

- 2-part silicone adhesive/sealant
- 5-10 min fixture; rapid cure for throughput
- High cured strength >100 kgF; 180 °C hot strength
- UL746C certified; bonds glass, plastics, & metals



BOSTIK
Born2Bond

Threadlocker TA-22 – 50ml

- Low-strength threadlocker; easy removal
- Fixtures in ~20 min; breakaway 6 Nm
- NSF S6 approved for food processing areas
- Purple, medium viscosity; for threads up to M20



BOSTIK
Born2Bond

Threadlocker TA-43 – 50ml

- Medium-strength threadlocker; easy disassembly
- Fixtures in <15 min; breakaway 25 Nm
- Blue, medium viscosity; vibration resistant
- Corrosion prevention; for threads up to M20

ULTRALOK PRODUCTS

Two-part Methacrylate Adhesive

- Bonds fiberglass, steel, aluminum, various plastics
- Working time of 25-40 minutes
- Achieves 90% of its strength in 90-150 minutes at room temperature.


Two-part Methacrylate Adhesive

- Bonds fiberglass, steel, aluminum, various plastics, and more.
- 1:1 ratio
- Working time of 50-65 minutes


Two-part Methacrylate Adhesive

- Bonds fiberglass, steel, aluminum, various plastics, and more.
- 1:1 ratio
- Working time of 70-100 minutes


**Chem-Set UltraLOK
SmartPAK XL
SmartPAK Mini**

- 600ML (Part A + B) = 1,200ML
- 300ML (Part A + B) = 1,200ML
- Reduces Waste
- Cost-Effective
- Higher Efficiency

CHEMSET MARINE PRODUCTS

Adhesion to a wide variety of substrates

- Adhesion to a wide variety of substrates
- Full cure at room temperature
- Handling time of 20-25 minutes
- No primer required


Adhesion to a wide variety of substrates

- Adhesion to a wide variety of substrates
- Good chemical resistance
- Full cure at room temperature
- Bonds polyolefins


Cyanoacrylate Marine Adhesive

- Longer cure allows accurate alignment
- Easy to use
- Adheres to a variety of surfaces including steel, aluminum, galvanized steel, plastics and elastomers.


Chem-Set 829A+B
Slow Infusion Epoxy

- Two-component
- Provide rapid saturation of carbon fiber laminate, fiberglass and Kevlar
- Maximum open time
- Mixed low viscosity and wet-out potential

TENSORGRIP PRODUCTS + Permanent Sealer

Tensorgrip M28
28 High Tack CA Compliant Contact Adhesive

- High-tack, CA VOC-compliant contact adhesive
- High build effective on porous/uneven surfaces
- Aggressive, permanent high-strength bond
- CO-REZ tech gives more coverage, less weight


Tensorgrip M30
Infusion Molding Adhesive

- Designed for marine infusion molding
- Safely bonds laminates to core surfaces
- Becomes part of the polymer matrix
- Fast, portable, reliable spray system


Tensorgrip M39
CA Compliant Crosslinking Contact Adhesive – 22L

- Bonds vinyl, rubber, plastics permanently
- Excellent plasticizer and chemical resistance
- Resists weather, water, fuel, and oil


Permanent Sealer
Underwater High Viscosity Permanent Sealer HV Bonding Adhesive

- Stays in place underwater
- Permanent seal for leaks & cracks
- Great for marine, pool & repairs

CHEM-SET MARINE PRODUCTS



FAST-CON® Metal Snap Fastening System

- Quick and easy installation
- Replaces Z clips and other mounting hardware
- Flame and corrosion resistant
- Long-lasting life compared to the most common plastic systems



Repair kits available



Aqua-Bonder Underwater Adhesive

- Underwater High Viscosity Permanent Sealer HV Bonding Adhesive**
- Fast curing; Apply underwater
 - 1:1 adhesive
 - Peel resistant to most plastic surfaces
 - Minimal surface prep



BoaBond Seasnake

- One-Part Urethane Adhesive Built For Tough Marine Applications**
- Bonds to fiberglass, metal, plastic, concrete, algae
 - 1000+ PSI strength
 - Cures faster when wet
 - For aquaculture, docks, vessels



HUNTSMAN **Araldite 2023**

- Toughened Acrylic Structural Adhesive**
- Two-component flexible methacrylate adhesive
 - Room temperature cure
 - Open time 10, 20 or 60 minutes
 - Ideal for bonding composites in large-scale manufacturing

MISCELLANEOUS MARINE PRODUCTS



Permabond® POP Polyolefin

Boat Enclosures – Primer

- Primer for polyolefins, PTFE, and silicones before bonding with Permabond® cyanoacrylates
- Creates a durable bond stronger than the substrate



ASI Adhesive Systems, Inc. **MP5530**

Two-part Methacrylate Marine Adhesive

- Two-part methacrylate adhesive
- Bonds plastics, metals, and composites
- Excellent impact and resistance



KEEP-NUT

Anchoring System



661 lbs.

15/32
DRILL
STOP

11.8MM
NON-CORING
BIT 1/2 GAS

KN SOLID
SURFACE
BIT

IM2S/
P1.4 x 20/M6

IM4S/
P1.4 x 20/H15

GO NO GO SETTING TOOL

Abrasives

Sanding Pads
PSA & HOOK AND LOOP

- Scuff pads
- Reasonably priced
- Assortment of sizes and grits

Great Quality

PSA
and
H & L

SHOP ALL YOUR
MARINE BONDING AND ADHESIVE NEEDS AT

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