

# Marine Adhesives



## Aerosol Adhesives

We carry the complete line of Camie Campbell aerosol adhesive products.



Camie Product	Common Uses	Type of Bond	Features
300	General Purpose Mist	Temporary or Permanent	General Coverage, Economical
313	Foam & Fabric Bonding	Permanent	Fastest Tack, Soft
363	General Purpose Web	Temporary or Permanent	Fast Tack, High Strength
373	High Performance	Temporary or Permanent	Pressure Sensitive, Colorless
393	Headliner, Trim & Laminating	Permanent	High Strength, High Temp

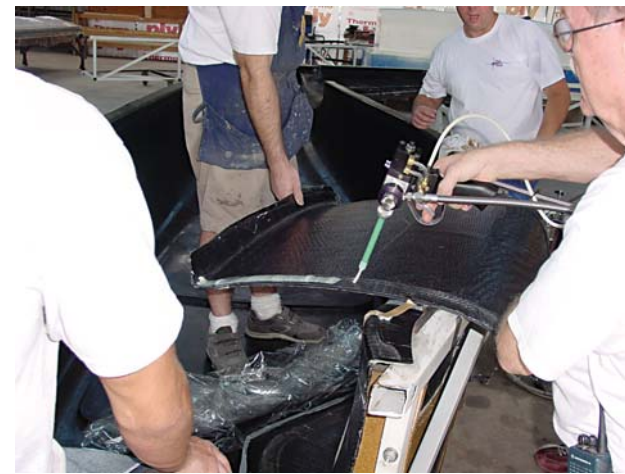


## Composite and Plastic Adhesives

Extreme 310 — Short Open Time

Extreme 300 — Medium Open Time

General Purpose, medium viscosity, structural adhesive systems that provide flexibility and toughness when bonding plastics and metals in almost any combination. Cured performance shows excellent bond strength on plain and plated metal components as well as on ABS, PVC, Acrylics, polystyrenes, fiberglass reinforced plastics, stone, and masonry.



## Plastics Shapes for Machining

Acetal	Delrin®	UHMW
Nylon	Teflon®	Polyethylene
Extren®	ABS	PVC
Vespel®	Phenolic	PEEK
Torlon®	PVDF	HDPE

Toll free nationwide: (877) 246-7700

AIN Plastics offers a complete selection of quality materials for marine applications

Windshields	Cutting Board	Upholstery Backing
Cabinet Doors	Tygon® Tubing	Seat Backs
Hatch Covers	Cleaners and Polishes	PVC Foam
Color/Clear Acrylic Mirror	Polycarbonate Sheet	Acrylic Sheet

*We buy plastic scrap.*  
Call for details.

*One number to call for the best names in the marine plastics industry...*



Toll free nationwide:  
**(877) 246-7700**

www.ainplastics.com

A ThyssenKrupp Services company

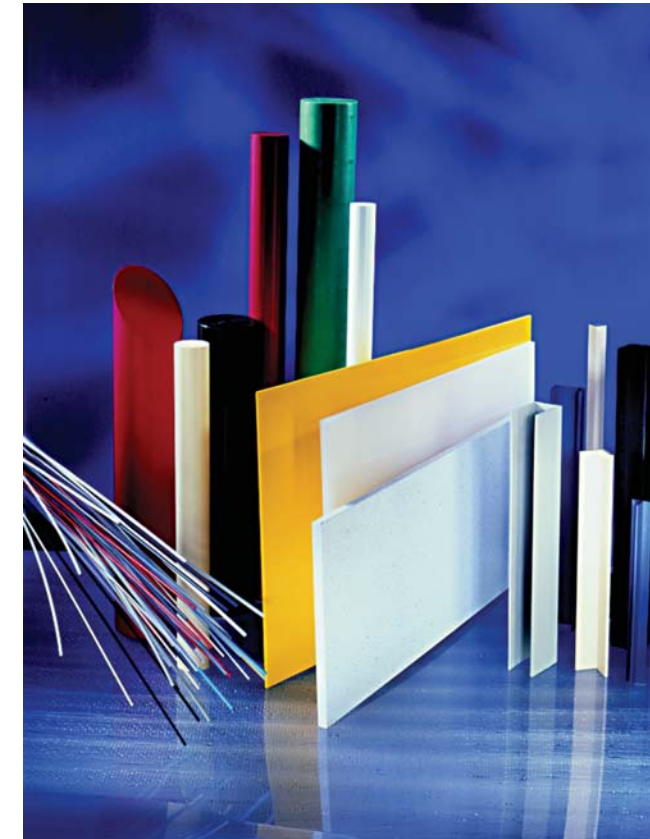
## ThyssenKrupp Materials NA AIN Plastics Division

Corporate Headquarters  
22355 West Eleven Mile Road • Southfield, MI 48034  
Phone: (248) 233-5900 • Fax: (248) 233-5999



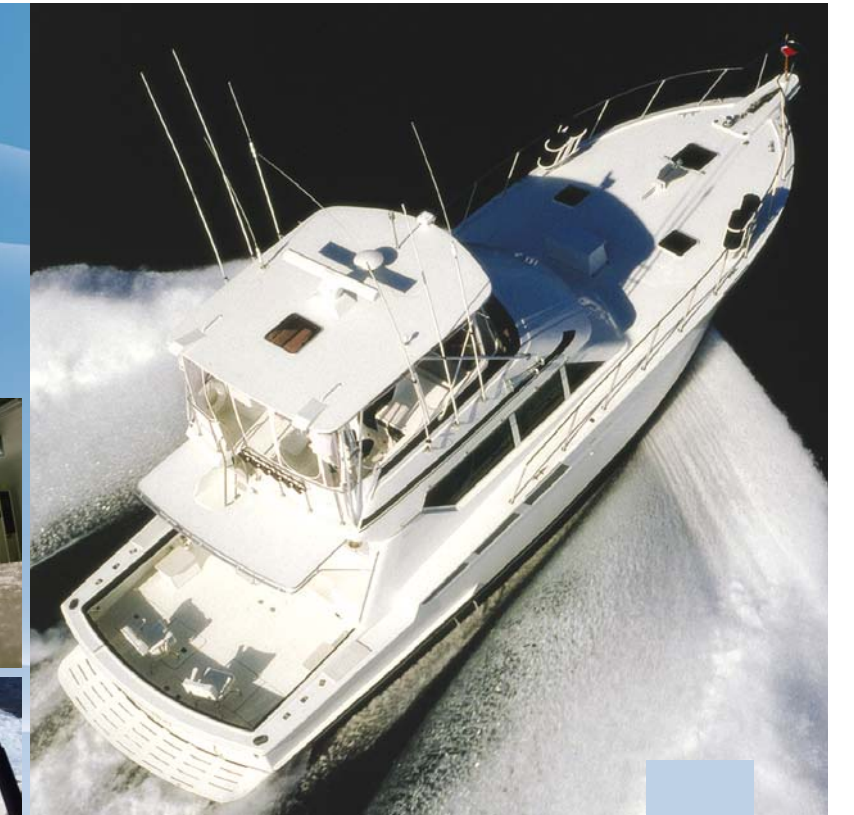
ThyssenKrupp Materials NA, Inc.

AIN Plastics • Copper and Brass Sales • Ken-Mac Metals • TMX Aerospace • ThyssenKrupp Steel Services • ThyssenKrupp Hearn • TKX Logistics



# Marine Products

## for Construction & Repair



A ThyssenKrupp Services company

## ThyssenKrupp Materials NA AIN Plastics Division



ThyssenKrupp

## The AIN Advantage for Marine Products

For more than 30 years, AIN Plastics has offered customers quality products, competitive pricing, and an unsurpassed level of service by supplying marine products and repair materials from the worlds leading manufactures including **Axson, Rampf Group, King Plastics, Cyro, Sheffield** and many others.

Now, thanks to major investments in inventory, logistics, and infrastructure, the AIN Advantage extends to customers all across the country. Now we bring the benefits of our complete inventory, skilled processing, expert applications assistance, and fast delivery to boat builders and marine repair specialists everywhere.

So if you use marine materials, you owe it to yourself to check into the superior service that you can only get from the plastics professionals at AIN Plastics.



### CNC Routing

Our dual-head CNC router, allows us to run two identical parts at the same time for increased efficiency. A vacuum table holds the work piece without clamps or vises. Capabilities include: circles, discs, square or rectangular parts, mill down surfaces, radius edges, drill, countersink, and counterbore holes.

### CNC Vertical Machining

Our state-of-the-art CNC vertical machining center can drill and tap holes, mill top and side surfaces, mill angles, radius edges, countersink, and counterbore.

### CNC Turning

Our CNC lathe with live tooling can turn down OD and bore out ID, drill and tap holes on the OD, drill and tap holes in the ID, mill flat surfaces on round bar, mill angles on round bar, make square rod round, radius edges, and cut-to-length.

### Fabrication Services

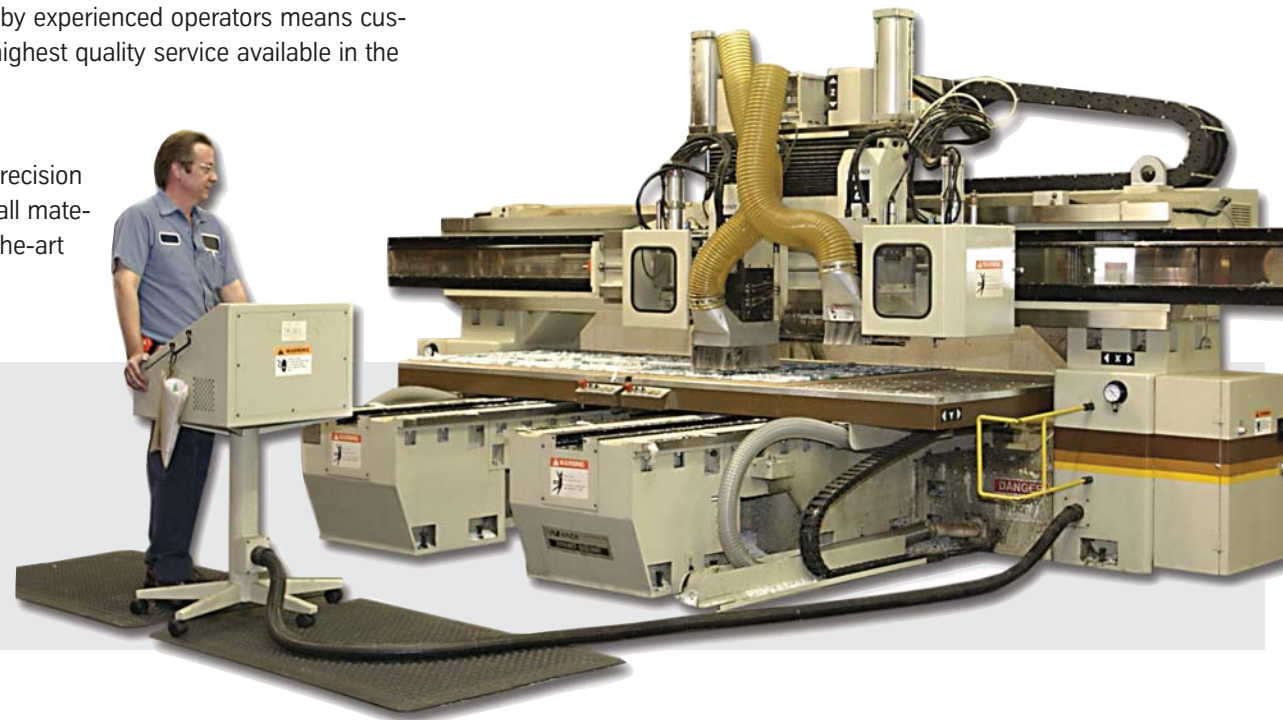
Working closely with customer design and material engineers, AIN Plastics offers additional value by fabricating, polishing, bending, and gluing parts to exact customer specifications. Our customers save both valuable time and money by having these first-stage processing steps completed and delivered *just-in-time* to their door.

## Value-Added Processing Capabilities

AIN Plastics offers customers access to a complete in-house array of primary processing and fabricating services and options to save you valuable time and money. Advanced equipment manned by experienced operators means customers receive the highest quality service available in the industry today.

### NC Sawing

AIN Plastics offers precision sawing services on all materials using state-of-the-art NC equipment.



## Tooling & Repair Materials

AIN Plastics features the complete line of quality Axson products for marine tooling, construction, and repair applications including epoxy laminating pastes and resins; epoxy surface coats; and polyester tooling gelcoats, and repair pastes.



### APF 7

#### Marine Grade Polyester Filler Paste

Chemical and water resistant, can withstand up to 400°F. Certified for repairs under the waterline. Applications: repair nicks, cracks, holes, gouges in FRP molds.

Typical Properties	
Pot Life (minutes):	5
Hardness (Shore D):	88
Density (lb/ft):	14.2
Cure Time (minutes):	15
Mix Ratio:	100:2
Service Temp (°F):	400

## Epoxy Laminating and Infusion Systems



## Epopast 206 and 400 Epoxy Laminating Pastes

Features Include
Saves on labor and materials
Rapid build-up of thickness to 40mm
Tools can be built and ready for production within 24 hours
Lightweight
Easy to use and apply
Excellent strength — better strength-to-weight ratio when compared to traditional cloth lay-up methods
Low exotherm and low shrinkage
Useful in multiple applications
A 1/2 inch thickness will yield approximately 8-10 square feet per pail unit
No need to back with cloth
Able to use with compatible polyester gelcoats



	Main Features	Applications
Epolam 2015 (Lloyd's Registered)	High mechanical performance, wetting ability, suited viscosity, UV resistance, different reactivities with 4 hardener options	Boat hulls, structures and parts, wood bonding
Epolam 5015	High mechanical performance, wetting ability, suited viscosity, UV resistance, different reactivities with 3 hardener options	Infused boat hulls, structures and parts

Toll free nationwide: (877) 246-7700

## Polyurethane Modeling and Foam Boards

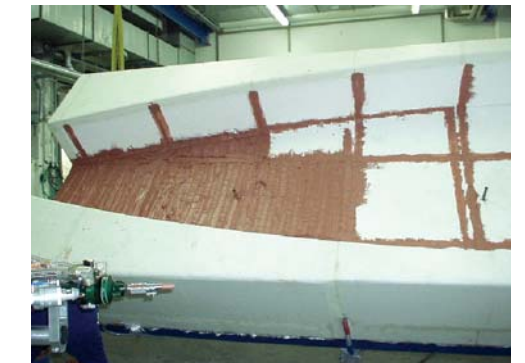
Features
5 to 74 pounds density polyurethane boards for CNC machining
Sheet sizes range from 20" x 60" to 60" x 120"
Sheet thicknesses range from 1" to 20"
Low to high temperature boards available



## Polyurethane and Epoxy Extrudable Paste

Easy to Process, Production Costs Reduced, Good Quality Results, User Friendly

Features
Can be applied on numerous backing structures
Possible machining in 8 to 24 hrs.
Quick to machine on traditional NC
Material waste largely reduced
No slab bonding
Good surface aspect, joint-free design
Excellent dimensional stability
Paintable, repairable
No direct contact with the product
Low product waste



## Marine Board

Specially formulated to satisfy many practical and creative marine applications such as: chairs, cabinets doors, platforms, molding and trim, ladders, rod holders, table tops, and antenna mounting assemblies. Bring your designs and marine ideas to AIN Plastics for complete fabrication services and manufacturing assistance.



### Special Features:

Environmentally stabilized for harsh sun and tough marine environments
Will not rot, swell, splinter or delaminate when exposed to humidity
Precise tolerances ensure consistent color, thickness and density, even for special thickness gauges and custom order colors
Matte textured on both sides
Resists odor, even in wet environments
Able to securely hold staples and screws
The perfect lightweight replacement for plywood or MDF
Flexes without breaking, unlike plywood or PVC foam products
Perfect for upholstered parts. Bends without breaking

### Availability:

White, black, beige, gray, tan, custom colors
Sheet thickness: 1/4, 3/8, 1/2, 3/4, 1, 1 1/2 inch
Sheet sizes: 54" x 96", 48" x 96"



Toll free nationwide: (877) 246-7700