



**Your Trusted Partner in Achieving ...**  
**Increased Productivity**  
**Reduced Rejection Cost**

**Finally Improve Profits.**

Advanced Polymer Technology Formulas & Superior  
Performance Repair and Tooling Compounds

 [www.hypoxy.com](http://www.hypoxy.com)





## ► WELCOME

HYPOXY® Systems Inc. USA is a premiere formulator, manufacturer and worldwide marketer of quality Polymer compound repair kits.

HY-POXY® Systems represent's the new "State of the Art" in formula's, raw materials and methods of compounding. Our easy-to-use, two-component polymer compounds specially formulated hardens without heat, pressure or special tools. Simply mix and apply!

Every HY-POXY® Systems products has been chosen for its widespread need and is formulated to provide maximum strength, durability, chemical resistance and ease of application.

Since these products have a very long shelf life, distributors and users can confidently maintain substantial stocks for both daily and emergency applications.

Hypoxy Systems offers multiple choice polymer compounds to repair "SURFACE FINISH" & "NON CRITICAL" defects in Aluminium & Steel castings.

### Special Features.....

- Small & convenient packs.
- Long shelf life.
- Very easy & convenient repair – simply mix and apply.
- Easy mixing ratio – 1:1
- The deposit can be machined, grind, drill & tapping.
- Repair surface can be brush/spray painted, epoxy coated, powder coating & chrome plating operations.
- Repair can withstand high working temperature during powder coating, chrome plating and harsh chemicals.

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Industrial & Small Packs



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ALUMBOND®, STEELBOND®,  
ALUMFAST®, STRONGSTEEL®,  
ALUMINIUM LIQUID®,  
TITANBOND®,  
STEEL LIQUID®,  
STEEFAST®, CLEARBOND®,  
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## HY-POXY® INDUSTRIAL REPAIR KITS



### HY-POXY® STEELBOND® - Steel Filled Repair Kits

**Our Most Popular Product!**

*H-100, 1 lb. (454 grams) Shelf Kit 6 Master Carton 24*

HY-POXY® STEELBOND® is most suitable steel filled polymer compound for repairing steel casting defects such as Pin Holes, Surface Blow Holes, Surface Cracks, Uneven Surface Finish etc.

The deposit material cures in 45 minutes & can be machined & grind by using surface finish grinders.

The repaired surface can be further painted, chrome plated & good to be exposed for harsh treatment chemicals.



### HY-POXY® STEELFAST® - Rapid Cure Steel Compound

is steel filled and cures to a gray metallic mass in five minutes times & adheres soundly to base material and suitable for fast repair.



### HY-POXY® STEEL LIQUID® - Flowable Liquid with Steel Fillers

*H-110, 1 lb. (454 grams)*

STEEL LIQUID® is a two-component Polymer formulation highly filled with pure steel fillers, modified curing agents, and special high quality additives to provide maximum strength, durability and ease of application. it is easily pourable to reach intricate parts & difficult to reach area and is easily machinable with standard tools.



### HY-POXY® TITANBOND® - Titanium Filled Compound

*H-900, 1 lb. (454 grams) Shelf Kit 6 Master Carton 24*

This non-rusting, chemical resistant Titanium-reinforced compound is specially formulated to repair casting defects which needs to be further chemically treated such as powder coating, chrome plating at elevated temperatures.

The cured deposit can be machined, grinding to achieve fine surface finish & can be exposed elevated temperature up to 220°C.



**HY-POXY® INDUSTRIAL REPAIR KITS**



**HY-POXY® ALUMBOND® - Aluminum Filled Repair Kits**

*H-400, 1lb. (454 grams) Shelf Kit 6 Master Carton 24*

**HY-POXY® ALUMBOND®** is Aluminum filled high viscosity paste/putty and ideal for repairing casting defects such as cavities, porosity etc & cures in 40 minutes.



**HY-POXY® ALUMINIUM LIQUID - Flowable Liquid with Aluminium Fillers**

*H-411, 3lb (1.36 kg)*

**ALUMBOND Liquid®** is two-component Polymer formulation highly filled with pure aluminum fillers, modified curing agents, and special high quality additives to provide maximum strength, durability and ease of application. It is easily pourable to reach intricate parts & difficult to reach area and is easily machinable with standard tools.



**HY-POXY® ALUMBOND® - Aluminum Filled Repair Kits**

*H-450, 6.5 oz. (184 grams) Repair Kit Master Carton 12 kits*

*H-45, 2 oz. (56.8 grams) Repair Kit Master Carton 48 kits*

The Low viscosity (semi fluid) compound with 1:1 mixing ratio, tube filled is most suitable to repair casting defects such as very small pin holes, surface irregularities.



**HY-POXY® ALUMFAST® - Aluminum Filled Repair Kits**

*H-455, 6.5 oz. (184 grams) Repair Kit Master Carton 12 kits*

*H-55, 2 oz. (56.8 grams) Repair Kit Master Carton 48 kits*

The Low viscosity-semi fluid, fast curing (5 minutes) compound with 1:1 mixing ratio, tube filled is most suitable to repair casting defects such as very small pin holes, surface irregularities.



**HY-POXY® STAINLESS STEEL PUTTY**

*H-800, 1lb. (454 grams) Shelf Kit 6 Master Carton 24*

This, easy to mix and apply putty is used for repairing stainless steel piping, tanks, vats machinery and equipment. It is very popular in the food industry especially for rebuilding food processing equipments.



**HY-POXY® CLEARBOND® - Standard Cure Clear Adhesive**

*H-200, 1 lb. (454 grams) Kit Shelf Carton: 4*

This ultra strong clear compound in low viscosity (semi fluid) 1:1 mixing ratio is commonly used to repair and fill holes come across casting process.



## Tube Filled Small Packs



### **HY-POXY® STRONG STEEL® - Steel Filled Compound-Standard Cure**

*H-1 C, 1 oz. (28.4 grams) Industrial Card Shelf Carton: 12 Master Carton: 48 Kit*

STRONG STEEL® is the best material on the market for repairing pipes, pin holes, blow holes in steel castings. It hardens to a gray metallic mass and adheres soundly with parent material.



### **HY-POXY® STEELFAST® - Steel Filled Compound- 5 Minute Cure**

*H-7, 2.25 oz. (64 grams) tubes (2) Shelf Carton: 12 Master Carton: 48 Kit]*

Fast curing STEELFAST® is the best product available when high adhesion and strength must be combined with heavy filling or surface build-up. It hardens to a gray metallic mass and adheres to most materials. STEELFAST® is ideal for the quick repair.



### **HY-POXY® ALUMBOND® - aluminium Putty Repair Kit**

*H-45, 2 oz. (56.8 grams) Repair Kit Shelf Carton: 12*

ALUMBOND® is specially formulated to be used aluminium casting repairs & Cures in 35 Minutes.

### **HY-POXY® ALUMFAST - 5 Minutes Cure aluminium Putty Repair Kit**

*H-55, 2oz (56.8 gms) Repair kit self carton-12*

Alumfast is fast curing (Cures in 5 Minutes) repair kit for aluminium casting having mixing ratio 1:1.



### **HY-POXY® CLEARBOND® - Standard Cure Clear Adhesive**

*H-3C, 1 oz. (28.4 grams) tubes (2) Shelf Carton: 12 Master Carton: 48 Kits*

This ultra strong clear adhesive is widely used for the repair of models, toys, lamps, vases, furniture, picture frames and appliances. CLEARBOND® bonds wood, fiberglass, metals, glass, china, ceramics and most plastics (not polyethylene) and is unaffected by liquids such as water, oil, and gasoline.



### **HY-POXY® CLEARBOND® - Standard Cure Clear Adhesive Syringe**

*H-3S, 1 oz. (28.4 grams) tubes (2) Shelf Carton: 12 Master Carton: 48 Kits*

This ultra strong clear adhesive is widely used for the repair of models, toys, lamps, vases, furniture, picture frames and appliances. CLEARBOND® bonds wood, fiberglass, metals, glass, china, ceramics and most plastics (not polyethylene) and is unaffected by liquids such as water, oil, and gasoline.



### **HY-POXY® CLEARFAST® - 4 Minute Cure Clear Adhesive**

*H-4C, 1 oz. (28.4 grams) tubes (2) Shelf Carton: 12 Master Carton: 48 Kits*

Fast curing CLEARFAST® is ideal for model making as it hardens in thin layers. It cures at low temperatures and adheres to almost all materials. CLEARFAST® is unaffected by gasoline, oil, and grease.



### **HY-POXY® CLEARFAST® - 4 Minute Cure Clear Adhesive**

*H-4S, 1 oz. (28.4 grams) tubes (2) Shelf Carton: 12 Master Carton: 48 Kits*

Fast curing CLEARFAST® is ideal for model making as it hardens in thin layers. It cures at low temperatures and adheres to almost all materials. CLEARFAST® is unaffected by gasoline, oil, and grease.

WORLDWIDE



Maintenance Repair Operations



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