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**PROPOXY® TRIPLE PLAY**

**Epoxy**

**Date: August 2017**

**Steel**

Repairs and Rebuilds Steel and similar metallic objects. Cures in 20 Min or less

**Copper**

Repairs and Rebuilds Copper and similar non-magnetic objects. Cures in 20 Min or less

**Plastic**

Repairs and Rebuilds ABS, PVC, and CPVC Plastic objects. Cures in 40 Min or less

**Three epoxies: Hercules ProPoxy® 20, Plastic Poxy and now Copper Poxy** all in one handy to use package. Repair and rebuild steel, copper and plastic with this handy triple package of Hercules epoxies. Each is a fast acting, co-extruded single stick of epoxy resin and hardener made for specific materials. After curing, each can be drilled, filed, sanded, painted, and machined. Each handy stick contains premeasured portions of activator and base throughout; no measuring or mixing tools are necessary. After mixing, each forms a polymer compound that is extremely tough and durable and offers exceptional adhesion.

**ProPoxy®20:** This two part hand-kneadable epoxy compound mixes quickly and easily to form a permanent steel-hard bond in 20 minutes or less. Adheres to almost any surface with strength often greater than the materials it has joined.

**Copper Poxy:** is a hand-kneadable, fast-setting, copper-reinforced polymer compound for permanent repairs to copper, brass, bronze and other non-ferrous metals. Forms a permanent polymer compound that is extremely tough and durable in 20 minutes or less. It also bonds to wood, glass, masonry and many plastics.

**Plastic Poxy:** Contains a fading blue dye which causes the hardened product to appear off-white when fully mixed. The two-part epoxy compound molds quickly and easily by kneading with the fingers to form a permanent bond in 40 minutes or less. Adheres to PVC, ABS and CPVC pipe and fittings as well as many other materials.



## APPROVALS & LISTINGS



Conforms to ASTM D-4236



## SPECIFIC USES

**Propoxy 20** can be used to seal, mend, bond, and repair almost anything in plumbing, heating, industrial, maintenance, and home applications except areas of combustion and exhaust where temperatures typically exceed 300° F. Copper Poxy quickly repairs pipes, tanks and vessels made of copper, brass, bronze and other non-ferrous metals. **Plastic Poxy** can be used to seal, mend, bond and repair plastic plumbing, fixtures, appliances and automotive parts.

## SPECIFIC APPLICATIONS\*

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases. NOT INTENDED FOR STRUCTURAL APPLICATIONS.

\*For special applications which may not be covered on this or other Oatey literature, please contact Oatey Technical Services Department by phone 1-800-321-9532, or fax 1-800-321-9535, or visit our technical database web-site at [www.Oatey.com](http://www.Oatey.com).

## DIRECTIONS FOR USE

No waste. Cut or break off only amount needed for the job. When mixed, **Triple Play** epoxy can be molded like putty to desired shapes. For best results, surfaces should be cleaned of grease and dirt. Smooth surfaces should be roughened by filing or sanding prior to application. Thorough mixing of each epoxy assures best product performance. Be sure product is mixed until it is uniform in color - not streaky. Mixing in a cold environment may be difficult; warm the product to room temperature before mixing. 1)

1. Remove protective end dots and cut or twist off a section of the desired epoxy.
2. Roll and knead the epoxy in palms and between fingers and hands. Fold over repeatedly and continue rolling and kneading until streaks disappear and color is uniform.
3. Apply at once to clean, dry surfaces. Force into cracks or holes being repaired. For smooth appearance, hand rub with water or damp cloth before material cures and hardens. Remove any excess material before hardening begins. The epoxy can be drilled, sawed, filed, carved, sanded, stained or painted. (When sanding cured any epoxy or substrate, use protective eye wear and dust mask.) Full curing will occur in 24 hours. To extend the life of **Triple Play** epoxy, recover ends of stick with protective dots and store in original package with cap tightly affixed. If protective dots are missing or damaged, use aluminum foil or plastic kitchen wrap.

## SIZE & PACKING

STOCK NUMBER	SIZE	PACKING	WEIGHT/CASE	UPC
25527*	3 - 1.5 oz. Sections	24 (2-1 dz.)	8.0 lbs.	032628-255272

\*Display box

## PHYSICAL PROPERTIES

	ProPoxy20	Copper Poxy	Plastic Poxy
Density	15.8 lb./gal.	15.8 lb/gal	13.4 lb /gal
Compression Strength	18,000 psi	8,000 psi	8,000 psi
Hardness (Shore D)	85	80	65
Maximum Use Temperature	300°F	250°F continuous 300°F intermittent	250°F continuous 300°F intermittent
Appearance/ color/odor	Black exterior and off-white interior with mercaptan odor	Copper exterior and off-white interior with mercaptan odor	Blue exterior and off-white interior with mercaptan odor
<b>Electrical Properties</b>			
Electrical Resistivity	30,000 megohms	30,000 megohms	30,000megohms
Dielectric Strength	300 volts/mil	300 volts/mil	300 volts/mil
<b>Cure Times</b>			
Work Life	5 – 8 Min	3 – 5 Min	20 – 25 Min
Functional Cure	20 Min or less	20 Min or less	40 Min or less
Full Cure	24 Hrs	24 Hrs	24 Hrs

## WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using product.
- **KEEP OUT OF REACH OF CHILDREN.**
- Not for use on polyethylene, polybutylene or polypropylene parts such as gasoline tanks.
- Use caution when using on containers or piping carrying hazardous or toxic substances.
- Contains Epoxy Resin and Tri(dimethylaminomethyl)phenol. Exposure may cause allergic reactions.
- Harmful if swallowed. Get prompt medical attention if ingested.
- Eye irritant. If eye contact occurs, rinse with tap water for at least 15 minutes. If irritation persists, seek medical care.
- Skin irritant. Wash hands thoroughly with soap and water after use. If skin irritation occurs, seek medical attention.
- Do not use for structural applications or on surfaces in contact with food.
- Do not use in fish tanks. Even when cured, these products may be fatal to fish.

## MATERIAL SAFETY INFORMATION

### FOR MORE INFORMATION ON THIS PRODUCT, REQUEST SAFETY DATA SHEET (SDS) #7378E

For Delivery By Fax	Call 1-800-321-9535
Internet	See SDS section of <a href="http://www.oatey.com">www.oatey.com</a>

HMIS® ratings