

# HPP SLOW SET

## DENT FILL

### #830

**REINFORCED EXPOXY  
FILLER FOR APPLICATION  
ABOVE OR BELOW WATER**



**HUNT PIPELINE  
PRODUCTS, LLC**

## Hunt Pipeline Products

### PRODUCT DATA SHEET

**HPP #830** is based on a unique blend of liquid epoxy polymer and aliphatic polyamine curing agents, which is able to displace water from wet surfaces in order to make a permanent bond. The formulation is solvent-free to ensure safety and maximum technical performance. Kevlar™\* fibers are incorporated for reinforcement and viscosity management to achieve high application rates -even underwater!

**HPP #830** provides permanent protection under the most adverse conditions. The formula is uniquely field-friendly and uses advanced low toxicity ingredients.

**HPP #830** can be shipped by Ground "Non-Regulated" by USDOT. When shipped by Air or Ocean **HPP #830** epoxy base is classified UN3082, PGIII. The curing agent is "Not Regulated", (NonHazmat) in any quantity.

\* *Kevlar is a trademark of E. I. DuPont de Nemours Co*

### RECOMMENDED USES

**DENT REPAIR COMPOUND:** Patching, leak sealing etc. above and below water.

**FAIRING COMPOUND:** Smoothing rough steel and concrete.

### TECHNICAL INFORMATION

VEHICLE TYPE .....	Epoxy/Aliphatic amines
PIGMENTATION .....	Color/Inert/fibrous reinforcement
COLORS .....	Standard White, Black, Gray – other available
FINISH .....	Slight texture
THINNER .....	Not normally required
CLEANER .....	MEK or lacquer thinner
MIXING RATIO .....	1.0/1.0 v/v
INDUCTION TIME .....	Not required
POT LIFE .....	Approx. 40' / 77°F
FLASH POINT .....	Over 200°F
SOLIDS BY VOLUME .....	100%
SPREADING RATE/GAL.....	40 sq. ft./gal @ 40 mils rec. U/W application rate.
DRY TIME, (Dust free) .....	4 hours at 77°F
DRY TIME, (Service).....	14 hrs. light, 72 hrs. heavy
APPLICATION METHOD.....	Trowel, "Pool float", mitts
STORAGE CONDITIONS.....	Normal, Freezing OK
VOC. ....	Essentially zero

## APPLICATION NOTES

**SURFACE PREPARATION:** Hand held power tools such as needle guns or grinders can give good results if applied conscientiously in small areas but will be inadequate in large areas.

Application above water requires similar high-pressure water blasting or dry abrasive blasting to yield a firm, granular surface free of loose contamination.

**MIXING PROCEDURE:** **HPP #830** is normally supplied in 2-gallon or 4-gallon kits of 2x1 or 2x2 gallon containers respectively each of epoxy base and curing agent. These components are formulated in contrasting colors to facilitate complete mixing. "Black" **HPP #830** for example is supplied with a jet black epoxy base and an off-white curing agent which mix together to yield a black mixture, visible streaks of either black or white seen during the course of mixing indicate "hotspots" unmixed components.

Remove equal quantities of base and curing agent from their cans and place them side-by-side on a surface of plastic, fiberboard etc. Mixing is easily accomplished by folding the components into each other using a spatula or piece of wood. Once mixing begins there will be about 40 minutes of working time available at 80°F. This time may be extended by keeping the components and mixture cool, send the mixed material underwater as quickly as possible rather than leaving it on a hot deck.

### **APPLICATION:**

Apply using an appropriate tool such as a spreader applying sufficient to slightly stand proud of the adjacent repair surface.

**CURING BEFORE SERVICE:** **HPP #830** may be immersed in fresh or salt water immediately after application. It will cure to a hard film within about 14 hours and is suitable for traffic after this time. Allow at least three (3) days at 77°F before subjecting to aggressive chemical service from industrial solvents and similar materials.

WE URGE YOU TO READ THE MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USING PRODUCT AND TO CALL THIN FILM TECHNOLOGY, INC. AS NECESSARY FOR ADVICE OR INFORMATION BEFORE ANY ACTUAL OR CONTEMPLATED APPLICATION.



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**SAFETY:** This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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