

More Than A Flux...
More Than A Tinning Paste...

BENCHMAN™ Select

Is The Only Repair Fluid You Need!

Benchman Select is absolutely the best radiator prep and repair fluid you can buy...GUARANTEED! Benchman Select eliminates the need for pre-tinning because it contains tin in solution and works like a tinning paste. Its low temperature activation means you can make repairs without risking damage to adjacent joints, yet it remains active at temperatures above 750°F without losing its fluxing power. The superior cleaning action releases solder bloom, scale and dirt to save prep time. Benchman Select is so active, you can use it to solder steel brackets, carbon steel gas tanks, silver solder and cast iron fittings used on HD and farm equipment. You will use less and clean up is fast and easy. With Benchman Select you save time, get superior joints and prevent rework. This is truly an extraordinary product.

Benchman Select:

- ✓ Eliminates Pre-Tinning!
- ✓ Releases Scale, Bloom & Grime!
- ✓ Low Temperature Activated!
- ✓ Outlasts Standard Fluxes!
- ✓ Saves Prep Time!
- ✓ Available in 8 oz., 1 gal., and 5 gal. Containers!

"In 24 years of radiator work, Benchman Select is the only flux I have seen do an excellent job on all applications. Tube, seams, hose connection, cast iron fittings...it did the job! Pre-tinning is not needed and clean-up is much faster and easier, all producing a much better job for the customer."

- Jack Stoner (Stoner Radiator, Quarryville, PA)

*Fry Offers a complete Line of Solder Products For Every Repair Need!
Order Fry Products From Your Local Distributor!*

Benchman Select Radiator Prep and Repair Fluid

Description

Benchman Select Repair Flux has been developed to be a low temperature, all purpose cleaning, surface prep and fluxing agent. Its use will reduce prep time, enhance solder wetting and provide superior joints. Benchman Select dissolves hard water deposits, solder bloom and grime leaving them easily removed with a flux brush. The handy squeeze bottle puts the fluid right where you want it eliminating repeated brush dipping. Benchman Select deep cleans the surface leaving it ready for soldering. In most cases, pre-tinning can be eliminated. In the case of dissimilar metals, such as tube fittings on tanks, a combination of Benchman Select and tinning paste removes deposits and tins the surface with no disassembly required.

Benchman Select is the most active radiator repair flux you can use. Solder flows well inside joints and inside tanks to ensure a strong bond. Benchman Select even works well on steel brackets, carbon-steel tanks, cast iron fittings, and silver solder, often found on heavy duty and agricultural equipment. The low temperature activity formulation allows repairs to tubes or header seams with less heat and in less time, preventing damage to nearby joints. By using Benchman Select, you will save prep time, get better joints, prevent rework and avoid comebacks.

Benefits

- * **Eliminates Pre-Tinning**
- * **Releases Scale, Bloom and Grime**
- * **Low Temperature Activated**
- * **Outlasts Standard fluxes**
- * **Saves Prep Time**

Application

1. Apply Benchman Select to the area and warm as you would working with aluminum. You will see mild foaming as the flux dissolves the corrosion, deposits and grime. NOTE: High temperature heat sources, such as oxygen torches, will burn off the activators and char the zinc chloride.
2. Brush off debris with a clean brush. Heavy deposits can require a second or third treatment.
3. Observe the surface for proper cleaning and treatment. It should have the sheen of a pre-tinned surface.
4. Solder as usual. The improved surface treatment means that you will need less heat to flow the solder and wet and seal the surface.
5. Rinse well to remove all residual flux.

Physical Properties

Test	Typical Values
Specific Gravity @ 25°C	1.733
Weight	14.5 lbs/gal
Color	water white
Clarity	Clear
Flash Point	None

Packaging

Benchman Select Radiator flux is available in 8 oz. easy-pour bottles, 1-gallon and 5-gallon containers.

Safety

Benchman Select Flux is a corrosive liquid. Protection for operator's hands and eyes should be provided. Also a body apron should be used to protect against accidental splashes or spills. Consult the MSDS for other pertinent information before using this product.

Important Notice to Purchaser

All statements, technical information and recommendations contained herein are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. In lieu of all warranties expressed or implied, seller's and manufacturer's only obligation shall be to replace such quantity of the products proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. User shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless by agreement in writing signed by officers of seller and manufacturer.

Benchman Select Radiator Prep & Repair Fluid

<u>Feature</u>	<u>Benefit</u>
1. Low temperature activation	1. * Reduces the chance of damage to nearby joints * Less smoke & fumes
2. “Deep Cleaning” surface prep	2. * Removes hard water deposits, solder bloom, and grime easily * Reduces cleaning time * Cleans hard to reach areas with little or no scraping or picking
3. Brings tin to the metal surface	3. * Unique blend containing a tin compound * Excellent solder flow * Stronger intermetallic bond * Can eliminate some pre-tinning. Makes Repairs Quick & Easy
4. Strongest flux available	4. * Select and moderate heat will lift stubborn deposits that other fluxes won’t even come close! * Solder flows well inside of joints * Clean, cooler fittings * Use on steel brackets, carbon steel tanks, cast iron and also with silver solder * Better solder flow, stronger bonds
5. Concentrated, full strength	5. * Goes a longer way * Save money by using less flux * Still active hours after application
6. Manufactured at our Ford Q-1 Approved & ISO Certified facility	6. Your satisfaction is guaranteed
7. Functions more like a tinning paste and less like a flux	7. * Quick, very little clean-up * Solder is tight to the surface, not sitting on top * Prevents Rework, Avoids Comebacks