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Paint-On Rust "Remover"

There are a number of rust-proofing products on the market, but the one that most do-it-yourselfers seem to be using is POR-15, a "paint-over" product that stops rust in its tracks.

When POR-15 is painted onto rusty surfaces, it chemically reacts with the rust to create a rock-hard finish that won't crack, chip or peel. It creates a hard finish that stops further corrosion and is not affected by road salt, gas or oil.

POR-15 can be painted directly onto rusted metal and used as a primer on frames, floor

boards, fenders, bumpers, inside door panels and trunk areas.

POR-15 is available in black, silver, grey, clear; or semi-gloss black. One quart of black, silvery, grey, or clear sells for \$29. One quart of semi-gloss black sells for \$31.

Contact: FARM SHOW Followup, Imperial Restoration, Inc., 308 Lockport St., Lemont, Ill. 60439 (ph 800 576-5822) or Resto Motive Laboratories, Inc., Box 1235, Morristown, N.J. 07962 (ph 973 887-1999; fax 973 887-8007).

Tire Sealant Stops "2 x 4 Leak"

While covering the Farm Science Review near Columbus, Ohio, we came across an unusual exhibit set up by a local tire company.

They had a tractor tire on display with a 2 by 4 stuck right through the sidewall. What was amazing about the tire was that after the 18-in. long chunk of wood punched it's way through the tire, the farmer was able to keep right on mowing. The tire did not go flat thanks to a new flat-stop product called Multi-Seal which he had mixed with the liquid calcium inside the tire.

We talked to national sales manager Craig Russell and he told us Multi-Seal has been around for years for use in military and commercial vehicles but has only been made available to farmers in the last couple years.

"There's no other leak-stop product on the market that mixes with fluid in a tire. It will instantly seal a hole up to 1/2-in. dia. with the heavy-duty version of the product," says Russell, noting that the liquid has tiny fibers that work like a tire plug to seal a hole. The tiny fiber was developed by NASA scientists for space suits. The plug is stronger than the tire itself.

"The fibers are so light and fluid that they go instantly to the hole, plugging it almost instantaneously," notes Russell.

Multi-Seal has been used by the military for years — a special formula will plug holes up to 1 1/4-in. dia. — and has recently caught on rapidly with rental equipment companies. One national firm recently put Multi-Seal in 180,000 pieces of equipment that it rents nationwide.

"Once you put it in a tire, you've solved 95 percent of your puncture problems. Best of all, it'll last the life of the tire yet the cost of treating a tire is less than the cost of fixing a flat," Russell notes. The average cost of



When an 18-in. long 2 by 4 punched its way through the sidewall of this tractor tire (above and below), the farmer was able to keep on mowing because the tire contained a new flat-stop product called Multi-Seal. It mixes with liquid calcium inside the tire.



putting Multi-Seal into a 16-in. truck tire is \$6 (takes about 18 oz. at 34 cents an ounce).

Russell says one big testimony to the effectiveness of Multi-Seal is that tire companies are selling it. "There's never been a sealant that tire companies would sell on a widespread basis. A number of tire companies are now putting Multi-Seal into every tire they sell and guaranteeing no repair costs for the life of the tire, including slow rim leaks and valve stem leaks. This product is also the first ever that will effectively stop leaks on high-speed over the road vehicles."

Multi-Seal is designed for 3/4-ton vehicles and up so it's not designed for use in cars and light duty pickups (it would affect tire balance on a lighter vehicle). "Big savings



Nozzle hooks up to a standard air compressor and has two valves - one for blowing and one for vacuuming.

Air Hose Nozzle Works As Vacuum Or Blower

The switch from blowing off combines to sucking chaff out of engine components is easy with this new nozzle that acts as both a blower and a vacuum.

The Super Gun hooks up to a standard compressor. The unit has an on-off switch next to the handle, as well as two valves - one for blowing and one for vacuuming.

To use the tool as a blower you open the blow valve and close the suction valve. To vacuum, you close the valve and open the suction valve. To both blow and vacuum at the same time, you open both valves. The strength of the suction or blowing action is determined by how far you open the valves. Liquids or solids are sucked up a poly tube

and into a bag or other container.

A Super Gun equipped with a short suction nozzle and bag filter sells for \$77.30 plus S&H. The same model equipped with a flexible hose for vacuuming into your own container sells for \$72.70 plus S&H. The company is looking for a North American distributor but you can order direct from Korea.

Contact: FARM SHOW Followup, Nambu Co., Ltd., Baik, Chang Hoon, 5-2 3'rd Standard Factory no. 23-1, Sahwa Dong, Chang Won City, Kyong Nam, Korea (ph 82 55 237-8620; fax 82 55 237-8619; E-mail: nambu@supergunnambu.co.kr; Website: www.supergunnambu.co.kr).

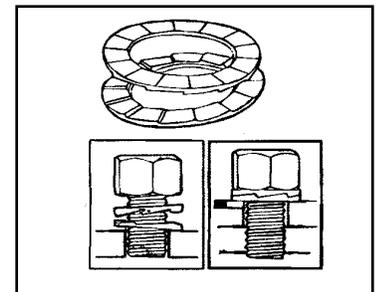
CamLock Washers

Arco Rosenow of Chillicothe, Ill., recently contacted FARM SHOW about a unique product that he discovered and liked so much he started selling it.

CamLoc Washers are heavy-duty lock washers that come in two pieces. They're designed to maintain adequate tension on bolts and nuts to prevent any loosening due to vibration or shock.

"The washers aren't impacted by heat, are reusable many times, and seem to incur no fatigue factor due to use," says Rosenow. "The face of the cam is at a different angle than the threads on the bolt. By placing the cam faces together, the lead angle or ramp of the cams is greater than the pitch of the threads on the bolt. When a bolt is at proper torque, the bolt is slightly elongated which keeps the bolt in a tension that will not let it override the cam angle. As a result, it actually requires more torque to loosen the bolt than to tighten it. This is a big benefit when tightening a screw in soft metals like brass or aluminum.

"I recently installed these lock washers on my chain saw. The muffler screws were set in an aluminum housing and kept coming loose due to vibration. I kept trying to tighten the screws but eventually stripped the threads. After I installed the washers the screws haven't vibrated loose once. Three years ago I installed the washers on the pitman of my sickle mower, and since then the nuts have never loosened on their own. These washers



Heavy-duty washers come in two pieces and are designed to maintain enough tension on bolts and nuts to prevent loosening due to vibration or shock.

are a little expensive, but they can save a lot of money if they keep a bolt from working loose and going through a combine.

"There are 18 different sizes available. Prices range from 32 cents to \$6.18 apiece. However, the ones that fit most of my needs are 1/4, 5/16, 3/8, 1/2, and 5/8.

"I sell a sample pack of these five sizes, with one pair per size, for \$3.75 including S&H."

Rosenow also sells locking cotter pins designed to keep tractor drawbar pins in place. The pins install without the need for any tools. A sample pack is available for \$3.00 including S&H.

Contact: FARM SHOW Followup, Arco Rosenow, 1223 Hallock Hollow, Chillicothe, Ill. 61523 (ph and fax 309 274-2107).

can be realized by truck fleets, for example, by preventing under inflation which reduces gas mileage and increases the life of tires."

Multi-Seal is the only tire seal product ever introduced that mixes with water and water

calcium mixes in tires, according to Russell.

Contact: FARM SHOW Followup, Multi-Seal Corp., 16750 Hedgecroft, Suite 512, Houston, Texas 77060 (ph 281 591-0111; Website: www.multi-seal.com).