STS. TIRE SEAL
MORE SEALING. LESS CORROSION.

1-800-233-7086
www.imiproducst.com
How is “STS” Tire Seal Installed?
This extremely effective sealant is easy to install either in the shop or on a service call.

**Regular Formula for Air-Filled Tires**

To install 16 oz. bottle (473 ml) . . . Make sure wheel is jacked up before deflating. Using supplied tool, remove valve core and deflate tire. Cut tip of bottle (approx. ¼ in. from tip) and attach supplied filler tube. Attach filler tube from bottle to valve stem, then slowly squeeze sealant into the tire at an angle. Replace valve core and re-inflate tire to recommended PSI.

To install from 1-gal. (3.78 L) container with hand pump . . . Use slow, steady up/down hand pump strokes to avoid clogging. Once primed, each down stroke delivers 1 oz. (29.5 ml) of sealant. Rotate tire so valve stem is at the 3:00 or 9:00 position. Remove valve stem core and deflate tire. Connect pump hose assembly to the valve stem. Install recommended tire sealant quantity. Push down on pump handle until it rests solidly on pump base. Remove hose assembly from the valve stem. Replace valve core and inflate tire to recommended air pressure.

To install from a 5-gal. pail with the hand pump . . . (Note: hand pump may be used against tire pressures up to 30 PSI.) Rotate tire so valve stem is at the 3:00 or 9:00 position. Remove valve stem core and deflate tire. Connect pump hose assembly to the valve stem. Pull on pump handle until fully extended. Push down on pump handle until it rests solidly on pump base; 8 oz. of sealant will be delivered. Refer to quantity chart for tire size and quantity. Remove hose assembly from the valve stem. Replace valve core and inflate tire to recommended air pressure.

– Rotate Tire and Wheel after “STS” Tire Seal Application –

**Concentrate Formula for Fluid-Weighted Tires**

To install concentrate formula tire sealant from 5-gal. pail and hand pump . . . Position valve stem at 12:00. Remove valve stem core (optional valve core removing tool available). Connect pump hose assembly to the valve stem. Determine recommended amount of sealant for the tire being serviced by using the ratio of one gallon of concentrate sealant per 30 gallons of fluid in the tire. Use one full hand pump up/down stroke to deliver 8 oz. of concentrate sealant for every two gallons of fluid in the tire. Remove hose assembly from valve stem. Replace valve stem core and inflate tire to recommended pressure. Rotate tire and wheel after application.

To install “STS” Concentrate Tire Seal from 1-gallon (3.79 L) container . . . Pour into the tire or mix fluid with solution before application to the tire.

To determine recommended amount of concentrate sealant for the tire being serviced, use the ratio of one gallon of sealant concentrate per 30 gallons of fluid in the tire or use

8 oz. of concentrate sealant for every two gallons of fluid in the tire.
How to Repair Tubeless Tires in Less Than 5 Minutes

Repair tubeless tires on the wheel. Install sealant, inflate tire to proper pressure, position puncture at 6:00 and bounce the tire and wheel on the floor until the puncture is sealed. Rotate tire.

How to Prevent Flat Tires

“STS” Tire Seal offers an excellent preventive maintenance program against flat tires. When installed in all tire and wheel assemblies, it will seal injuries caused by puncturing objects measuring up to 1/4” (6.35 mm) in size, rim and bead leaks, porosity leaks, vent hole leaks, and condition the tire innerliner or tube to prevent air loss for the life of the tire. “STS” Tire Seal will reduce downtime and operating costs associated with tire air loss.

How Does “STS” Tire Seal Work?

“STS” Tire Seal contains fibers and rubber particles in uniform suspension throughout a non-toxic fluid carrier. When a puncture occurs, the escaping air forces the carrier and fibers to the point of penetration making a solid, permanent repair from the inside . . . out! Rim and bead leaks and porosity problems with tubeless innerliners will also be sealed quickly and effectively. The special chemical formulation will condition the innerliner to prevent dry rot and cracking which can lead to chronic slow air loss and premature tire failure. “STS” Tire Seal is safe, non-toxic, non-flammable, and environmentally friendly.
OFF THE ROAD APPLICATIONS
(The pump strokes on the following chart are based upon 5-gallon pump application.)
One 5-gallon pail of STS Tire Sealant = 640 oz. / One down stroke of the 5-gallon hand pump delivers 8 oz. of sealant.
One 1-gallon container of STS Tire Sealant = 128 oz. / One down stroke of the 1-gallon hand pump delivers 1 oz. of sealant.
For tire sizes not on the chart call 1-800-233-7086.

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## OFF THE ROAD APPLICATIONS

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**OFF THE ROAD APPLICATIONS**

(The pump strokes on the following chart are based upon 5-gallon pump application.)

One 5-gallon pail of STS Tire Sealant = 640 oz. / One down stroke of the 5-gallon hand pump delivers 8 oz. of sealant.

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<th># Pump Strokes</th>
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HIGHWAY APPLICATIONS

(The pump strokes on the following chart are based upon 5-gallon pump application.)

One 5-gallon pail of STS Tire Sealant = 640 oz. / One down stroke of the 5-gallon hand pump delivers 8 oz. of sealant.

One 1-gallon container of STS Tire Sealant = 128 oz. / One down stroke of the 1-gallon hand pump delivers 1 oz. of sealant.

For use over the road on vehicles rated at 18,000 pounds (8,182 kg) gross vehicle weight and above.

This product is not intended for use in passenger or light truck highway applications.

For tire sizes not on the chart call 1-800-233-7086.

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>Wheel Size</th>
<th>Ounces</th>
<th># Pump Strokes</th>
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