

#743 SchaefferSeal™ Extreme Duty Tire Sealant



1. **SchaefferSeal™ coats the entire inner liner, wheel and bead area of the tire. It is a self-healing liquid inner tube that can easily be installed through the valve stem of any air filled tire**
2. Works in all air-filled tires.
3. Prevents flat tires with a permanent seal. Seals ¼” diameter punctures in tread area, much larger punctures up to ¾” in heavy ply tires.
4. Reduces fuel costs by maintaining recommended tire pressures.
5. Reduces premature tread wear caused by under inflation by as much as 52%.
6. Prevents porosity leaks, Rim and Bead leaks.
7. Reduces internal dry rot and deterioration by keeping tire casing moist and pliable.
8. Protects against rust and corrosion with anti-corrosion agents. These agents prevent corrosion of rims and steel tire belts. The sealant formulation itself also protects against rust, corrosion and pitting on the rim.
9. Maximizes and extends tire life by maintaining proper air pressures in tires. Properly inflated tires permit the correct amount of tread area to be in contact with the surface which reduces excessive tire flexing that can lead to tire failure.
10. Works as a thermal conductor, transferring heat away from areas of higher temperatures (the tread area), to areas of lower temperature (the sidewalls).
11. Effective in very cold temperatures down to -40°F and will not freeze until -70°F.
12. Does not affect tire balance in heavy duty tires when installed properly and spreads evenly over the inside of the tire which aids tire balance and provides a smooth, constantly protected ride.
13. Seals rim weld imperfections.
14. Reduces the risk of tire blowouts. Most tire blowouts are caused by tires being extremely underinflated. When the tire becomes underinflated the sidewall cannot withstand the flexing and overheating and blows out.
15. Effective for the life of the tire.
16. Stays pH neutral for the life of the tire.
17. Ready to use, no mixing, stirring, shaking or other special preparation needed.
18. The thixotropic advantage. SchaefferSeal™ will thin down when a tire is in motion, but rapidly thickens when the motion ceases, thereby maintaining an even layer of SchaefferSeal™ on the tire inner liner. SchaefferSeal™ will not separate, freeze or ball up. Its adhesion properties provide continuous coating action.





19. Chemically inert. Can be used with nitrogen filled tires. Will not react with the rubber in the tire or a metal wheel.
20. Fibers used to make the permanent plug: cotton, rayon, nylon, and ground pieces of polyethylene. These particulates are not water soluble, therefore they will not dissolve when the tire is driven in rain or snow; the plug is permanent.
21. SchaefferSeal™ based on “Standard Methods for the Examination of Water and Wastewater” American Public Health Association, 1992; California Title 22 Code, Section #66261.24(a) (6) ‘Static Acute Bioassay Procedures For Hazardous Waste Samples’ (Polisini and Miller, 1988), California Department of Toxic Control (**CA, EPA**). SchaefferSeal™ was tested and found to be not environmentally hazardous.
22. Environmental Attorney John R. Spenser, (formerly REGION X Director of the United States Environmental Protection Agency Under two Presidents), concluded that SchaefferSeal™:
 - a. Is non-corrosive.
 - b. Is safe for disposal in landfill under the “most Strict” Washington State regulations.
 - c. Has passed the significant Washington State Bio-Assay Test.
23. SchaefferSeal™ meets or exceeds all criteria for being environmentally safe. The tests conducted on SchaefferSeal™ using the criteria specified by the United States Postal Service concluded that SchaefferSeal™ does not contain, asbestos, in any form, encapsulated or not, or any other substance which the Occupational Safety and Health Administration (**OSHA**) or the Environmental Protection Agency (**EPA**) might find harmful to Postal Service employees or the environment. SchaefferSeal™ does not contain hexavalent chromium, methyl, ethyl or isopropyl alcohol, or any material considered as hazardous by the EPA and does not present a wasted disposal problem.
24. SchaefferSeal™ according to Smithers Scientific Services, reduced inner liner temperatures suggesting that the sealant acts as a heat sink, pulling heat out of the tread area.
25. 100% water soluble for easy clean out of a tire for recapping, boot or section patching if needed.
26. Indefinite shelf life, contents never separate out. SchaefferSeal™ is a homogenous mixture with the ingredients bonded together in such a manner that it is impossible for the ingredients to settle to the bottom.



Good people. Great products.

102 Barton Street
St. Louis, MO 63104
(800-325-9962)
www.schaefferoil.com

