

Heavy Duty and Armor-Seal Tyre Sealants



Our tyre sealants are widely used in ...

- loading shovels ● dumpers ● diggers ●
- skidsteers ● heavy goods vehicles ●

One treatment costs no more than the full cost of one tyre repair and lasts the legal life of the tyre.

- Prevents up to 95% of all tread punctures up to 30mm (1¼ inches)
- Stops all bead and rim leaks and slow punctures permanently
- Supplied in 20 Litre pails with Pump and Operations Manual

Technical Information

- Will not prevent conventional tyre repair or retreading
- Can be used for tyre pressures from 4-120psi
- Indefinite Shelf-Life
- Non-Hazardous
- Freezing Point – 35 Degrees Centigrade

Who are Air-Seal Products Ltd?

the company is a privately owned family business established in 2007 based in central otago. It is supported by a growing number of tyre outlets and distributors within New Zealand. The product is manufactured within the US and has its roots within the aerospace industry.

Supported by a specialist technical service with extensive experience of solving on-site puncture problems

How to contact us

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AIR-SEAL PRODUCTS



We can help

The Complete Tyre Sealant

The Technology Tyre and Wheel Cross Section

Why it Works

Our leading technology is used by:

Waste Management, Demolition, and

Quarrying Industries

Civil Engineering and Building Contractors

Ground Care Maintenance Companies, Local

Authorities, and Leisure activities

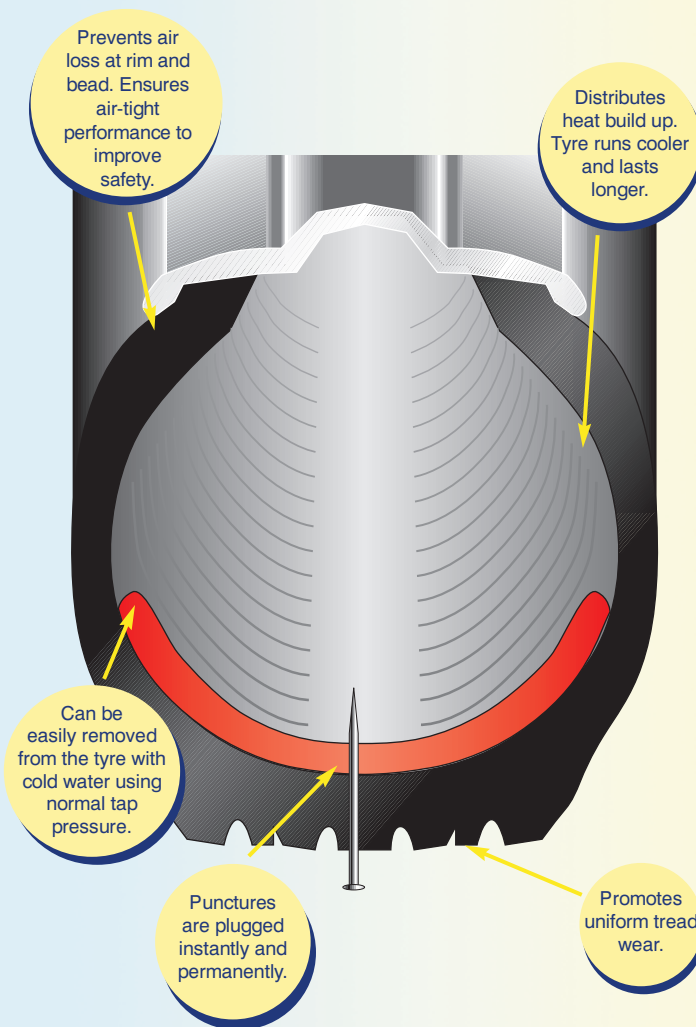
Agricultural Contractors and Farmers

Saves Money:

- By greatly improved Operational efficiency
- No need to continue having costly downtime for idle machines and labour where true costs are far more than the charges for the repair of the tyre
- By extending the legal life of the tyre by up to 20%
- Because fuel economy is improved

How it Works:

As the tyre rotates, the product spreads evenly over the inside surface. Immediately a puncture occurs, the air pressure in the tyre forces millions of fibre particles and fillers suspended in the sealant to interlock to form a plug which prevents any further air loss. This action will be completed within two or three revolutions of the wheel. It happens so fast that the driver may not know a puncture has happened. Later, when the tyre is inspected, if the nail or the cause of the puncture is still there it can be removed.



Fibres

Fibres constitute the backbone of the tyre sealant. The stronger the fibres, the greater the protection for the tyre. The strongest fibres are state-of-the-art synthetic fibres such as those used in tyre cord and bullet proof vests. The more varied the fibres in both length and degree of branching, the faster the seal forms and the more permanent the repair. By using the appropriate grade, these sealants will meet the design specifications for all types of tyre and the working conditions where they are used.

Fillers

Once a strong plug is formed by the fibres, the final seal is provided by filler particles which lodge between the fibres to form an effective airtight plug. The use of these inorganic fillers is imperative for a high performance sealant.

Suspension Stability

The function of the liquid in the sealant formulation is the medium by which the fibres and fillers reach the area of the puncture in the tyre. In some other sealant formulations, the components may separate over a period when the tyre is inactive. If separation does occur, such formulations will fail as tyre sealants.

COSHH Information Available
www.air-sealproducts.com

**Air-Seal high performance sealants
will not separate and will provide
protection for the legal life of the tyre**