



LUXE *Satin*[™]
High Performance Tire Treatment

Durable, New Tire Look Tire Surface Treatments Comprising Cross-linkable Compositions

Currently on the market there are a variety of tire treatment formulations which employ mixtures of organic monomeric and polymeric ingredients to impart a brand-new look surface treatment to rubber articles, particularly vehicular tires. Problems associated with these formulations include low adhesion to the rubber surface as well as the tendency to be oily and impermanent.

Often the components of such compositions that impart the desirable characteristics of color enhancement and gloss are materials such as silicones that do not exhibit high adhesion to the rubber surface. On the other hand, while certain other materials such as functionalized acrylics to adhere well, they detract from the cosmetics of the surface treatment.

Luxe Auto Technologies LLC development team of world-renowned aero-space material scientists have developed a tire polymer material that chemically crosslinks* and bonds with the tire sidewall after being applied to the tire surface.

In so doing components of the composition such as silicones, which would otherwise be impermanent on the tire surface, are immobilized with crosslinking agents that, in and of themselves, provide adhesion to the rubber surface.

The teams patent pending technology branded as **Luxe Satin**[™] is crosslinked to these agents and extends adhesion characteristics to tire surfaces for several years of washings maintaining the "**NewTire**" look.

** In chemistry a crosslink is a bond that links one polymer chain to another. These links may take the form of covalent bonds (molecular bonding) or ionic bonds and the polymers can be either synthetic polymers or natural polymers.*

Luxe Auto Technologies LLC
Scientific Team



LUXE AUTO TECHNOLOGIES LLC