

# 1,3-BUTADIENE



## 1,3-Butadiene Derived Polymers and Automotive Uses

### Gaskets, Hoses and High Performance Tires

Nitrile butadiene rubber (NBR), Styrene Butadiene Rubber (SBR), and Nylon

The properties of these polymers and nylon cording enhance the wear, traction, rolling resistance and performance of tires.

**High-performance tires are essential for Electric Vehicles**

### Exterior & Interior Automotive Components

Acrylonitrile-Butadiene-Styrene (ABS) Resins, SBR, Nylon

ABS Resins, SBR, and nylon are used to make automotive components such as headlight housing, radiator grills, air intake manifolds, connectors, panels, ducts and consoles, bumpers, radiator/heater hoses, weather stripping, seals, mats, tubes, belts.

### Upholstery & Carpet backing

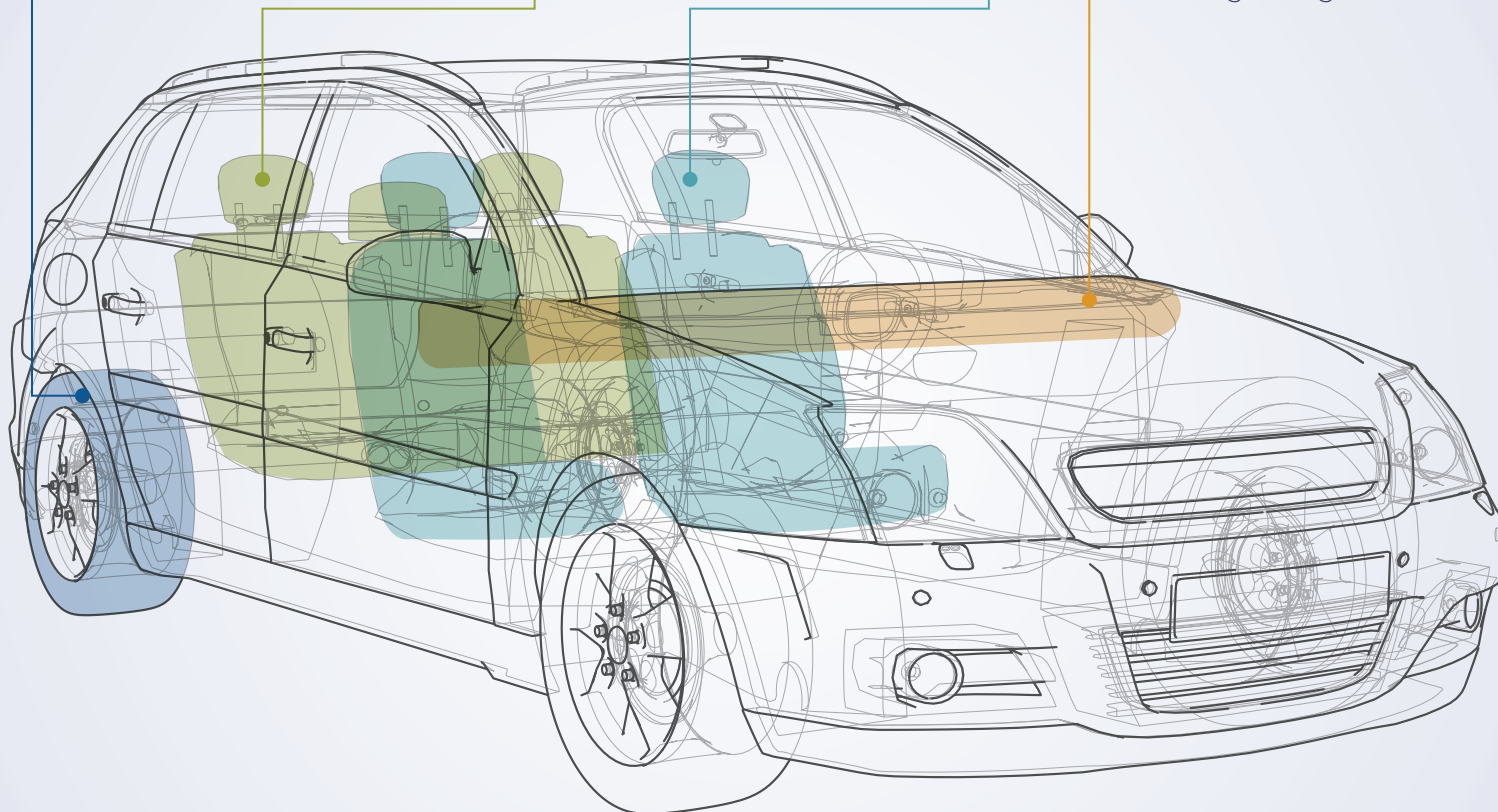
Styrene-Butadiene (SB) Latex

SB Latex has a multitude of auto uses including carpet backing & upholstery backcoating.

### Passenger Safety and Comfort Systems

Nylon

The properties of Nylon are essential for making lifesaving airbags.



While 1,3-Butadiene is not sold or used directly by consumers, it is reacted/polymerized and may be further processed to create a range of materials that can be used to make consumer goods.

1,3-Butadiene is a critical building block chemical, and it is important that EPA considers the best available science in its risk evaluation under the Toxic Substances Control Act to avoid any potential disruptions in the production, manufacture, or transportation of many critical products.