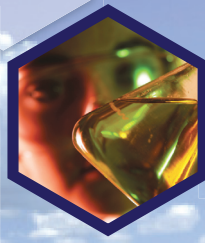




Dow's products and technology are all around—driving improvement in agriculture and water treatment, to better building products for our homes and leading edge electronic technologies. Through "Discover Dow" we hope you will learn more about the way Dow touches and enhances lives throughout the world.



Discover DOW

Vehicle Safety Checklist

In order to keep your car in top shape for safe driving, follow routine maintenance recommended by your car manufacturer. Here's an example of three items to check regularly:

1. **Tires:** Check for uneven tread wear, questionable inflation levels and any obvious cuts or bulges.
2. **Lights:** Make sure your headlights are bright enough for nighttime driving and are clearly visible by other drivers.
3. **Body:** Check that critical parts — like the fender, hood and bumper — are not damaged and don't interfere with the safe operation of the vehicle.

Cars Made Safe with Dow

All around the world, vehicles are using Dow products to increase safety. The BMW 7 Series uses **BETAMATE™** 2-component PU adhesive technologies for bonding in its roof systems and car body, while the Jaguar XF series uses **BETAMATE™** to enhance structural performance and reduce vibration — making the driving experience both safer and quieter.

Buckling Down on Safety

There's a long list of things you can do to be safe when behind the wheel — wear your seatbelt, check mirrors, turn on headlights, signal properly...the list goes on and on. While these are all important personal safety actions you can take while on the road, what about the car surrounding you? How can the actual vehicle help protect the people inside?

Two innovative technologies from Dow are adding extra protection to vehicles around the world. Dow's **BETAMATE™** and **BETAFOAM™** also help reduce vehicle weight so less fuel is needed to power them — benefiting the environment and your wallet!

Crash resistance. Dow's **BETAMATE™** structural adhesive is making vehicles lighter weight and safer by replacing welds or mechanical fasteners. This technology helps improve crash performance and vehicle durability. **BETAMATE™** can be used to bond steel body panels together, or it can bond dissimilar substrates — such as high-strength steel, aluminum and

magnesium — which can reduce vehicle weight by up to 20 percent. **BETAMATE™** can be used in a vehicle's roof, doors, hood, engine and body panels.

Energy management. Dow's **BETAFOAM™** polyurethane foams are engineered to provide local reinforcement to body structures for crash and energy management — meaning they help keep you safe in the event of a collision. **BETAFOAM™** is injected into an automotive body cavity and will quickly cure to fill up 100 percent of the space. **BETAFOAM™** structural foams are often used in vehicle rocker panels, pillars and roof rails.

