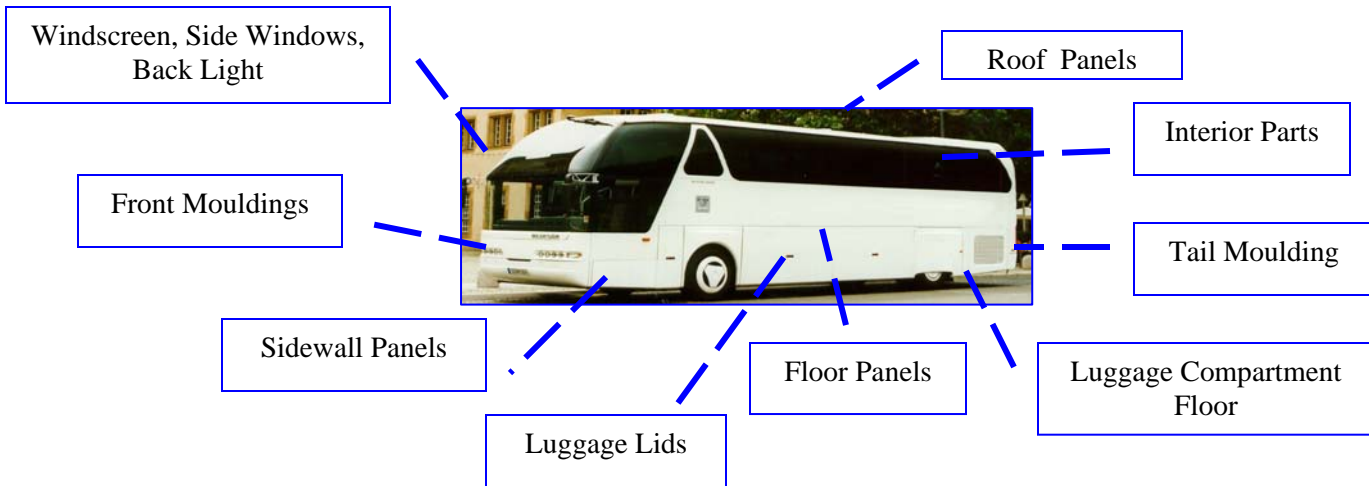


# Benefits of Using Adhesives and Sealants for Transportation

*Reducing Your Costs...Expanding Your Options*



## Enhance the Aesthetic Design of your Product

- Fasten coil coated metals without marring painted surfaces
- Eliminate read-through
- Eliminate burn marks or discoloration
- Eliminate part distortion caused by thermal joining methods
- Avoid need for secondary operations (e.g. grinding)
- Avoid unwanted visible joint lines
- Improve appearance by color matching bond lines or using paintable adhesives



## Streamline your Process and Save Money

- Join objects after they have been painted
- Reduce need for clamps, fixtures, and jigs
- Decrease need for surface preparation



When designing the Chrysler Sebring convertible, engineers had to do something to stiffen the body. Traditionally, this would mean adding a lot of steel. By strategically using structural adhesives, however, engineers were able to double the stiffness, while saving approximately 75 lb. of weight.

## Improve your Product and Design with New Materials

- Join dissimilar substrates with ease (including non-metallic substrates to metal)
- Enable use of thinner, lower gauge metals
- Reduce Noise, Vibration and Harshness (NVH)
- Retain thermal and electrical conductivity
- Reduce risk of corrosion



## Produce Environmentally Friendly Products

- Facilitate easier recycling
- Achieve cleaner, more convenient disposal
- Reduce waste via custom formulations



**The Adhesive and Sealant Council, Inc.**  
7101 Wisconsin Avenue, Suite 990  
Bethesda, MD 20814

Phone: (301) 986-9700  
Fax: (301) 986-9795  
[www.ascouncil.org](http://www.ascouncil.org)