## **THE WOODBRIDGE GROUP**

### Mastering Science To Serve Our Customers"



"Old Carbon"

Polyurethane Foam Manufactured

From Fossil Fuel Source





'New Carbon" Polyurethane Foam Manufactured

From Many Bio Sources and Crude Oil



#### INNOVATION ADVANTAGES

- A wide range of renewable Bio resources are currently under development around the world
- BioFoam technology offers a smaller C02 footprint
- Lower total energy to produce
- Industry leading Bio-Polyol substitution levels for each product category\*
  - Seat Cushioning 9%
  - Headrest 40%
- Lamination Foams 10% Coverstock 10%
- Headliner Substrate 16% 
  Energy Absorbing 16%

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\*Substitution level may vary based on product design including performance specifications

#### **Corporate Headquarters**

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# **Bio-Based Polyurethane Foam Technologies**

The Woodbridge Group maintains a strong commitment to the environment with **BioFoam™** technology, which substitutes petroleum with renewable bio sources, to manufacture polyurethane products. As a key component of its renewable resource strategy, BioFoam<sup>™</sup> is a patented Woodbridge technology, offering the industry's highest bio-polyol substitution levels.

This earth-friendly solution is available for a full line-up of automotive interior applications including seat cushions, head restraints, arm rests, occupant protection components, trim cover laminates and composite board products such as overhead systems. BioFoam<sup>™</sup> is the first mass-production ready, plant-based polyurethane foam solution, to meet all required customer performance criteria. BioFoam<sup>™</sup> technology offers automakers solutions to help reduce their environmental footprint, at equal or better performance.



GreenLite Innovations by The Woodbridge Group include a growing menu of high performance, low mass automotive foam solutions, to help improve fuel efficiency and reduce CO<sup>2</sup> emissions.

More, Better, Faster

BioFoam Data Sheet Oct 2013.pdf