

a cold-drink vending machine manufacturer meet the qualifications for the more stringent **Energy Star** version 4.0 with a solution that will be compliant with global blowing agent regulations. According to Dow, the custom formulated PU insulation's mechanical properties, flow, and curing profile delivered a 15 % weight reduction and 10 % thermal insulation improvement over the incumbent low-GWP system.

Compared to competitive solutions using hydrofluorocarbon foam blowing agents, the company said its solution delivers the same or better performance with a 99.9 % lower GWP. For companies impacted by SNAP regulations, Dow said it has developed PU-based solutions that will fully comply with all applicable regulations once they become law.

[www.dowpolyurethanes.com](http://www.dowpolyurethanes.com)

### VOC-free polyol for PU systems with increased UV resistance

**Alberdingk Boley** has expanded its range of polyols based on renewable resources with the VOC-free product **Albodur 1055**. In combination with an aliphatic isocyanate, the polyol can be used to formulate a light-stable PU system (> 1,000 h QUV B exposition). In addition, the binder has a hydrophobic nature and a very pale appearance as both the neat resin and also when combined with a low viscosity isocyanate. Thanks to its poly-

mer structure, it is possible to reduce the isocyanate demand of the total system without compromising basic features like good workability, broad versatility and compatibility profile, as well as mechanical properties, said the manufacturer. Albodur 1055 is suitable, e.g., for decorative and industrial floorings, metal coatings and adhesives.

[www.alberdingk-boley.de](http://www.alberdingk-boley.de)

## People



### Ryntz to be honoured with SPE 2018 Lifetime Achievement Award

**Dr. Rose A. Ryntz**, Vice President, Global Advanced Development and Material Engineering at International Automotive Components Group (IAC), has been named the 2018 Lifetime Achievement Award winner by the Automotive Division of the Society of Plastics Engineers (SPE). Ryntz is a technical specialist and research

leader in automotive plastics technology. Her innovations include the development of damage resistant fascias, automotive interior skin technologies for use in seamless passenger airbag instrument panels and interior and exterior automotive coatings on plastics. Her technical support, with several automotive suppliers, led to several joint development agreements. These include functionally integrated interior automotive components with heating, lighting, and HMI content, bi-laminate and compact sheet technologies for use in vacuum formed and In-Mold grain laminate doors and instrument panels and lightweight technologies incorporating natural fibre and bio-based solutions.



Dr. Rose A. Ryntz

Source: SPE

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