

## **Novel recycled based polyols, raising the bar for more demanding polyurethanes adhesives**

As the industry shifts towards sustainable raw materials, the demand for recyclable materials is on the rise. In response, Cargill has redesigned its polyol product line, introducing offerings that contain up to 100% recycled content specifically for adhesive applications.

These advanced polyols deliver both durability and performance in polyurethane adhesives. They are crafted from recycled plastics and diacids sourced from natural oils, resulting in a liquid polyol with a crystalline structure that enhances adhesion to steel and aluminium while maintaining flexibility.

The hydrocarbon composition of the bio-based diacids and polyols provides water repellency and a balanced combination of strength and elongation.

Furthermore, the integration of recycled and bio-based materials in these innovative polyols creates a unique formulation that offers excellent hydrolytic, thermo-oxidative, and chemical resistance, making them ideal for demanding applications such as sealants, sportswear, and automotive components.