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# Eco-Friendly Polyols

## Shaping the comforts of tomorrow

Continuous product development and stringent quality standards, enables us to provide the polyurethane industry with high-performance, unique and customized products and processes with sustainability needs.

As one of the few manufacturers offering both 'Recycle and Renewable' solutions, our Eco-Friendly Polyols business unit supports customers in the manufacture of flex packaging, furniture, bedding and appliances through our EMEROX® Renewable Polyols and InfiGreen® Recycle Content Polyols. Our approach to Recycling through sci Oleochemicals' proprietary ozonolysis technology and Infigreen's Polyol glycolysis technology.

The EMEROX® Renewable Polyols, made from renewable resources, delivers on both performance and cost, while the InfiGreen® Recycle Content Polyols are made to function as a direct replacement for petroleum-based polyols. InfiGreen® Polyols with recycle content also provide enhanced value and improved sustainability through :

## Industries

Automotive  
Building &  
Construction  
Packaging  
Sealant  
Electrical  
Appliances

## Brands

EMEROX®

INFIGREEN®

## Market Segments

### Flexible Foam

EMEROX® and InfiGreen® polyols find application in high resiliency flexible polyurethane foam for automotive seating, furniture, bedding, packaging, and open cell foam composition and molecular weight distribution make these polyols well suited for use in visco-elastic memory foams. The ability to utilize post production and post-consumer materials, make these polyols unique solutions for flexible foam applications. The EMEROX® and InfiGreen® polyols provide an unmatched combination of performance and cost for flexible polyurethane foams.

In addition, Emery Oleochemicals can offer closed-loop recycling services to manufacturers of flexible polyurethane foams, where the production scrap can be used to reuse in the flexible urethane products. This provides the opportunity to recycle scrap polyurethane waste that otherwise may have been destined for the landfill.

Flexible Molded and Slab Stock Foam:

EMEROX® Polyol 14001, 14050, 14055 InfiGreen® Polyol 60, 100, 300

### Rigid Foam

EMEROX® and InfiGreen® polyols are well suited for use in wall and roof spray foam insulation, piping insulation, concrete repairs, and soil stabilization. In addition, polyisocyanurate foams. InfiGreen® recycle content polyols' high aromatic content impart good resistance to burning, while the unique molecular weight distribution in polyurethane foams. The self-catalytic properties have the potential to reduce catalyst loading and need for specialty polyols. EMEROX® polyols offer a unique combination of performance and cost. EMEROX® and InfiGreen® polyols have good compatibility with aromatic polyester polyols and polyether polyols.

In addition, Emery Oleochemicals can offer closed-loop recycling services to manufacturers of rigid polyurethane and isocyanurate foams, where the production scrap can be custom tailored for reuse in the rigid and polyisocyanurate urethane products. This provides the opportunity to recycle scrap polyurethane waste that otherwise would have been destined for the landfill.

Rigid Slab Stock Foam:

EMEROX® Polyol 14200, 14250, 14275 InfiGreen® Polyol 300, 420A

Rigid Spray Foam:

EMEROX® Polyol 14275 InfiGreen® Polyol 429

### C.A.S.E.

EMEROX® and InfiGreen® polyols find application in paints, coatings, door and window seals, high temperature adhesives, O-rings, and sporting equipment.

C.A.S.E.:

EMEROX® Polyol 14100