INTRODUCING A NEW ERA OF RESINS AND COATINGS

Bio-based succinic acid for innovative Resins & Coatings Formulations.

New opportunities for the Resins and Coatings Industry.

CREATING VALUE THROUGH A UNIQUE COMBINATION OF PERFORMANCE AND SUSTAINABILITY.

BioAmber Inc.
BioAmber bio-based succinic acid is a versatile building block for the synthesis of polyesters and polyester polyols (PEP’s). Manufactured using patented yeast fermentation technology, our bio-based succinic acid offers an alternative to petroleum-based adipic and isophthalic acids. Polyols based on our bio-based succinic acid can be used in unsaturated polyester resins (UPR’s), polyurethanes, alkyds, and liquid polyester resins (LPE resins).

Technology segments & applications:
Polyurethane (PU) Coatings
- Textiles (including synthetic leather)
- Wood coatings
- Metal coatings

Alkyd, Liquid Polyester & Powder Coatings
- Wood and decorative coatings (Paints)
- Coil coatings
- Metal coatings

Unsaturated Polyester Resins (UPR’s)
- Gel coats
- Glass fiber composites

Applications:
- Marine
- Automotive
- Wind turbines
- Pool & bath

BioAmber bio-based succinic acid offers:
- Differentiated performance
- Renewable content
- An energy efficient process
- Carbon neutral process/Lower carbon footprint

Benefits of bio-based succinic acid in Resins & Coatings:
- Formulation flexibility; ability to tailor performance
- Good mechanical properties; hardness, abrasion resistance and durability
- Better UV resistance; less yellowing
- Better chemical (solvent) and abrasion resistance
- Cost competitive to petroleum chemicals
- Reduced exposure to feedstock volatility

LET’S BUILD A GREENER WORLD, ONE CHEMICAL AT A TIME!