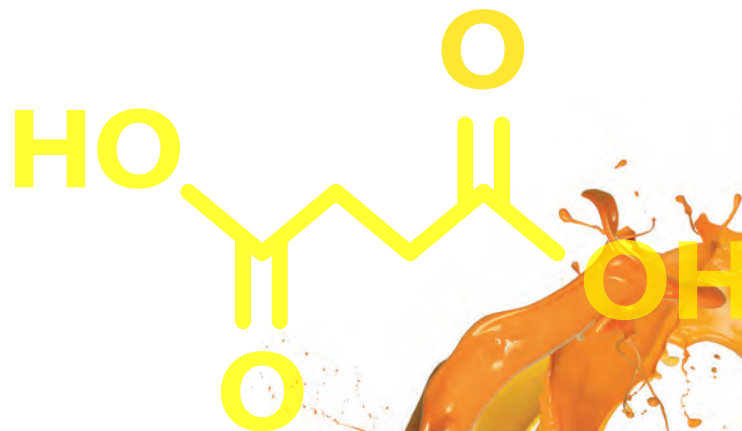


INTRODUCING A NEW ERA OF RESINS AND COATINGS



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[™]

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!**



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