

Maleic Anhydride – Applications

Maleic Anhydride (MA) is used in the manufacture of -

Unsaturated Polyester resins and alkyd resins

Used in general construction, bathroom fixtures, corrosion resistant tanks, pipes and ducts, electrical components, synthetic marble, Onyx, auto repair putty, paints and coatings, fiberglass reinforced plastics

Fumaric and Malic acid

Used in paper sizing resins and as food and beverage acidulants and in pharmaceuticals.

Lubricating oil additives

Used in gasoline and diesel engine crankcase oils as dispersants and corrosion inhibitors, prolong oil change intervals and improve the efficiency of automotive engines

Lacquers

The addition of MA to drying oils decreases the required drying time and improves the coating quality of lacquers.

Tartaric acid

Used as a Chemical intermediate in the synthesis

Vinyl copolymers

Used in paper treatment, emulsifiers, stabilizing agents, adhesives, detergents, cosmetics, toiletries

Agricultural Chemicals

Herbicide, pesticide, and plant growth regulator & soil sterilizer

Surfactants and plasticizers

Aspartame -Artificial sweetener

Chlorendric anhydride - Flame resistant component