



Vinyl acetate

Vinyl acetate monomer is a chemical compound that is produced by the reaction of ethylene, acetic acid, and oxygen using a palladium catalyst. This compound is a precursor to polyvinyl acetate, ethene-vinyl acetate copolymers, polyvinyl alcohol, and other important industrial polymers.



SOME OF THE MAIN USES:

- PRODUCTION OF POLYVINYL ACETATE (PVA) AND POLYVINYL ALCOHOL (PVOH)
- MANUFACTURE OF ETHENE-VINYL ACETATE COPOLYMERS
- PRODUCTION OF POLYVINYL BUTYRAL
- MANUFACTURE OF VINYL ACETATE-ACRYLIC ACID COPOLYMERS
- USE IN THE PRODUCTION OF POLYVINYL CHLORIDE ACETATE
- PRODUCTION OF POLYVINYLPIRROLIDONE (VP/VA COPOLYMER) USED IN HAIR GELS
- USE IN THE MANUFACTURE OF ADHESIVES AND SEALANTS
- USE IN THE PRODUCTION OF PAINTS AND COATINGS

Chemical formula	C₄H₆O₂
boiling point	72°C
Melting point	-93.5 °C
Molar mass	86.09 g/mol
density	934 kg/m³
Appearance	colourless liquid

