



TECHNICAL DATA SHEET

Vinyl Acetate Monomer (VAM)

Industrial Chemical Product Summary

Vinyl Acetate Monomer (VAM) is an industrial monomer used in the production of adhesives, coatings, emulsions, copolymers, and polymer-based chemical systems.

PRODUCT NAME & CAS NUMBER

Product Name	Vinyl Acetate Monomer (VAM)
Chemical Formula	C ₄ H ₆ O ₂ / CH ₃ COOCH=CH ₂
CAS Number	108-05-4

MAIN APPLICATIONS

- Production of polyvinyl acetate (PVAc) adhesives and emulsions
- Manufacturing of ethylene-vinyl acetate (EVA) copolymers
- Raw material for paints, coatings, and construction emulsions
- Textile binders, nonwoven systems, and paper coatings

KEY PROPERTIES

Appearance	Clear, colorless liquid
Odor	Characteristic sweet ester-like odor
Purity	Typically 99.0% minimum, depending on supplier specification
Density	Approx. 0.93 g/cm ³ at 20 °C
Solubility	Poorly/slightly soluble in water; miscible with many organic solvents

STORAGE CONDITIONS

Store in tightly closed, compatible containers in a cool, dry, well-ventilated area away from heat, sparks, open flames, oxidizing agents, and direct sunlight. Keep stabilized as supplied



and avoid contamination, moisture ingress, and elevated temperatures. Apply proper grounding and bonding during transfer.

TECHNICAL DISCLAIMER

This Technical Data Sheet is a concise product reference based on typical industrial data. It does not replace the official COA, SDS, or buyer-specific quality agreement. Users must verify suitability, handling requirements, and compliance before use.