江苏象化科技有限公司
JIANGSU ELEPHCHEM HOLDING LIMITED

# Technical Date Sheet of VAE Emulsion CW40-707H

**Product name:** Vinyl Acetate-Ethylene Copolymer Emulsion CW40-707H
**CAS NO.:** 24937-78-8

## Technical Data of VAE Emulsion CW40-707H

| Items | Specifications |
|---|---|
| **Appearance** | White emulsion or light yellow and free of suspended matter |
| **Solid content(%)** | ≥54.5 |
| **Viscosity(mpa.s, 25℃)** | 1000～1500 |
| **pH** | 4.0-6.5 |
| **VAC(%)** | ≤0.20 |
| **Ethylene(%)** | 15.0-19.0 |
| **Glass transition temperature（Tg/℃）** | - |
| **Minimum film formation temperature( ℃ )** | ≤1 |

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## Application:

1. Versatility: VAE Emulsions Are Highly Versatile And Can Be Tailored To Meet Specific Requirements In Different Industries.

2. Adhesives: VAE Emulsions Are Frequently Used In The Production Of Adhesives And Sealants. They Provide Excellent Adhesion To a Wide Range Of Substrates, Making Them Suitable For Applications Such As Woodworking, Paper Bonding, And Construction Adhesives.

3. Paints And Coatings: VAE Emulsions Are Employed As Binders In Water-Based Paints And Coatings. They Contribute To The Film-Forming Properties Of These Products, Enhancing Their Durability,

Adhesion, And Flexibility. They Are Also Known For Their Low Voc (Volatile Organic Compound) Content, Making Them Environmentally Friendly.

4. Textile Industry: In The Textile Industry, VAE Emulsions Are Utilized For Textile Coatings To Improve The Fabric's Water And Stain Resistance. They Also Enhance The Durability Of Printed Patterns.

5. Paper Industry: VAE Emulsions Are Used In Paper Coatings To Improve The Printability, Surface Finish, And Ink Holdout Properties Of Paper Products.

6. Construction: VAE Emulsions Find Applications In Construction Materials, Including Cement And Mortar Modifiers, Where They Improve Workability, Adhesion, And Durability.

7. Non-Woven Fabrics: VAE Emulsions Are Used In The Production Of Non-Woven Fabrics, Providing Strength And Flexibility To The Materials.

8. Emulsion Polymerization: They Serve As a Key Component In The Emulsion Polymerization Process To Produce Other Types Of Polymers And Latex Products.

## Package:

Packages：In 25KG/50KG/220KG drum or 1000KG IBC drum.

## Storage:

Store in accordance with local regulations on safe storage of chemical products.

Store in a dry, well-ventilated place. Stay away from hot objects, sparks, and other sources of ignition.

Incompatible with strong oxidants.

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