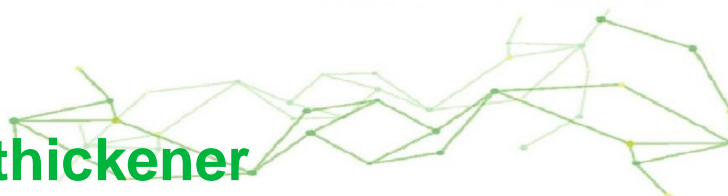




HASE-8

Alkali swelling thickener



Overview

HASE-8 is a hydrophobically modified alkali-swellaable emulsion (HASE) thickener, primarily used for water-based architectural coatings, water-based industrial paints, and other waterborne systems requiring thick applications. It delivers efficient thickening at mid and low shear viscosities, with excellent sag resistance, anti-splash properties, quick thickening response, and good open-can appearance.

Physicochemical Properties

Appearance	Milky white liquid	Composition	Anionic hydrophobically modified polyacrylate
Solid Content	30.0 ± 2.0%	Solvent	Water
Density	1.04 g/ml	pH Value	3.0 ± 1.0
Viscosity at 25°C	<50 cp		

Characteristics & Advantages

- Free of APEO compounds and organic solvents; low odor and environmentally friendly.
- Provides rapid and efficient thickening at mid-shear (KU) and low-shear (Brookfield) viscosities.
- High pseudoplasticity, good open-can appearance, and stable in-can viscosity.
- Excellent sag resistance, anti-splash properties, and anti-settling performance.
- Resistant to microbial and enzymatic degradation

Dosage

Adjust the system's pH to 8-9 before use. It is recommended to dilute with water before application. Suggested addition levels: 0.1-0.8% of the total formulation weight. If the viscosity exceeds the design specification, a small amount of co-solvent can be added to reduce viscosity.

Application

Water-based architectural coatings, water-based industrial paints, thick coatings, papermaking, etc.

Precautions & Storage

Avoid freezing. Store at temperatures between 0-40 °C.

Keep the product in a cool, well-ventilated area, with containers tightly sealed and away from heat and sources of ignition.

Safety

Refer to MSDS

Packaging

25 KG/Barrel