

HASE-8

Alkali swelling thickener

Overview

HASE-8 is a hydrophobically modified alkali-swellable 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 lowshear (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 $0-40 \, \text{°C}$.

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

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For further detailed information, please contact our company directly.

The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing www.new-techem.com conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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