XYZTU / TECHNICAL DATA SHEET

B199

Defoamer for High-Viscosity and High-Build Coatings

Mineral oil and silicone | English translation

Typical properties

Appearance	Yellow, opaque liquid
Main components	Mineral oil, silicone
Active content	100%
Ionic character	Nonionic
Density at 20 degrees C	0.88-0.98 g/mL
Water solubility	Insoluble in water

Performance and applications

B199 provides strong defoaming for high-viscosity elastomeric textured coatings and high-build coatings. It helps eliminate residual microfoam for a more uniform coating appearance, has little effect on gloss, and is particularly suitable for single-coat elastomeric coatings. It also provides foam suppression and deaeration.

Applications include premium construction putties, smooth-finish elastomeric and high-build elastomeric coatings, printing pastes, water-based inks and inorganic coatings.

Recommended dosage

General recommendation: 0.1-1.2% by mass of the coating. The source provides the following application-specific levels, based on the total formulation:

High-build elastomeric architectural latex paints	0.2-0.8%
Smooth-finish elastomeric architectural latex paints	0.1-0.2%
Water-based inks	0.1-0.5%
Premium construction putties	0.1-0.5%

Addition method

Add 30-50% of the intended total defoamer quantity during grinding, then add the remaining 70-50% during letdown. Stir or shake thoroughly before use. The source notes that separation during storage does not affect performance.

Packaging and storage

Supplied in 25 kg, 180 kg or 850 kg plastic drums. Shelf life is 12 months from the date of manufacture when stored in unopened original containers at -5 to +40 degrees C.

Document basis and SDS

English translation prepared 24 October 2026 from the Chinese B199 sheet supplied on that date by the site owner, issued by Nanjing Xinyi Synthesis Technology Co., Ltd. The source does not show an issue or revision date; the translation date is not a source revision date.

This technical data sheet is not a Safety Data Sheet. Request the current SDS and confirm suitability for the intended formulation through XYZTU technical support.