XYZTU / TECHNICAL DATA SHEET

LH-360

VAE Binder for Intumescent Coatings

English translation of the existing Chinese technical data sheet

Product description

LH360 is a water-based vinyl acetate-ethylene (VAE) copolymer emulsion. The source describes it as free from solvents and plasticizers, with very low VOC content and no alkylphenol ethoxylates (APEO).

Typical properties

Appearance	Milky-white liquid
Solids content	54-56%
Viscosity at 23 degrees C	2,000-7,000 mPa.s
pH	4.0-6.0
Minimum film-forming temperature	1 degree C
Pigment and filler compatibility	Good
Electrolyte stability	Good

Application

Used as a binder for intumescent coatings. The source reports excellent pigment-binding ability.

Packaging and storage

50 kg, 220 kg or 1,100 kg. Store in the original packaging at 5-35 degrees C, protected from sunlight. Shelf life under these conditions is 6 months.

Selection notes - supplementary clarification

LH-360 is a formulation binder. The supplied TDS does not establish certification or a fire-resistance rating for a finished coating. It gives no formulation dosage or viscosity instrument, spindle and speed. Confirm those details and the finished coating system requirements with technical support.

Document basis and safety information

English translation prepared 25 October 2026 from the Chinese TDS issued by Nanjing Xinyi Synthesis Technology Co., Ltd. The original shows no issue or revision date; this translation date is not the original revision date.

Original Chinese TDS. This TDS is not a Safety Data Sheet. Request the current SDS through XYZTU technical support.