

## HairFix Powder

### Specification Sheet

**Description:** Polymeric film-forming agent for use as hair fixatives particularly in aerosol sprays, pump sprays, liquid products, mousses and gels. Made of vinylpyrrolidone (VP) and vinyl acetate (VA) copolymer (ratio 60:40). Purity 100%. Solutions are nonionic and thus do not need to be neutralized.

**CAS:** 25086-89-9

**INCI Name:** VP/VA copolymer

**Composition:** VP/VA copolymer, Water

**Appearance:** White powder, faint characteristic odor

**Benefits:**

- Very effective film-forming agent and fixative for hair care products.
- Excellent combing-out and washing-out properties thanks to the non-ionic nature of the polymer.
- Particularly suitable for liquid hair setting products like gels, mousses, and sprays with a high-water content.
- Forms clear solutions in water (may have to be heated to dissolve precipitates).

**Use:** Add to water phase of formulas (usually no heating required). Typical use level between 1-12%. For external use only.

**Applications:** All kinds of hair styling products including gels, mousse, sprays, waxes & pomades. Shampoos & conditioners.

**Solubility:** Soluble in water, ethanol, isopropanol, n-propanol, and glycerin

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature.

**Country of Origin:** Germany

**Raw material source:** Vinyl pyrrolidone, vinyl acetate

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**Manufacture:** VP Copolymer is produced by polymerization of vinyl pyrrolidone (VP) and vinyl acetate (VA) monomers to form a large polymer molecule.

**Animal Testing:** Not animal tested.

**GMO:** No data available.

**Vegan:** Does not contain animal derived components.

**HS Code:** 3208100000

**California Prop 65:** WARNING: This product can expose you to chemicals including Hydrazine ( $\leq 1$  ppm), Acetaldehyde ( $\leq 20$  ppm), and Vinyl Acetate ( $\leq 100$  ppm), which are known to the State of California to cause cancer and/or reproductive toxicity. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)