

Technical Data Sheet

VERSAMID[®] EH-30

*Versamid[®] EH-30 was previously BASF Versamine[®] EH-30

Product Description	VERSAMID[®] EH-30 is a tertiary amine accelerator and curing agent for epoxy resin systems.
Key Features & Benefits	- Can be used as a curing agent for epoxies - Can be used as an accelerator for polyamide and amido-amine cured epoxies, mercaptans, anhydride and novolac epoxy cures and amine cured epoxies
Chemical Composition	Technical-grade tris(Dimethylaminomethyl) phenol accelerator and curing agent

Properties

Product Specifications	Amine value	590 – 630 mg KOH/g
	Viscosity at 25°C (Thermosel)	180 – 320 cps
	Gardner color	6 max
Typical Characteristics	Amine value	610 mg KOH/g
	Viscosity at 25°C	250 cps
	Density	8.1 lbs/gal
	Gardner color	3
	Moisture (Karl Fisher)	0.1%
	Gel time (25g at 10 phr)	40 minutes

These typical values should not be interpreted as specifications.

Applications

VERSAMID[®] EH-30 is a tertiary amine accelerator and curing agent for epoxy resin systems. The anionic catalyst is a Lewis base that contains unshared electrons to facilitate opening the oxirane ring. VERSAMID[®] EH-30, a Mannich base, shows marked acceleration because of the presence of the phenolic hydroxyl.

VERSAMID[®] EH-30 and epoxy resin systems are recommended for applications such as:

- Accelerator for various epoxy cured systems

Processing	Mix ratio with liquid epoxies is 5 – 15 phr, as an accelerator is 0.5 – 2 phr. Gel time (25 g at 10 phr) is 40 minutes. Due to chemical reaction, VERSAMID [®] EH-30 and epoxy resins should not be mixed until just prior to use.
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Safety

General	The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.
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Safety Data Sheet	All safety information is provided in the Safety Data Sheet for VERSAMID [®] EH-30.
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Storage

VERSAMID® EH-30 may darken on exposure to elevated temperatures for extended periods of time. Therefore, it should be kept in tightly closed containers when not in use and stored in a cool, dry place. Properly stored and protected from moisture, an unopened container of VERSAMID® EH 30 should have a shelf life of two year.

Important

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, it is recommended that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of Gabriel's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by Gabriel hereunder are given gratis and Gabriel assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

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