

## Product information

# VESTAMIN<sup>®</sup> R 215

(PRELIMINARY)

## GENERAL DESCRIPTION

VESTAMIN R 215 is a diamine mixture. It is a colorless low viscosity liquid with a faint amine odor.

## SPECIFICATION

Property	Value	Unit	Test method*
Appearance	clear liquid	-	visual
Color (APHA)	≤ 50	-	DIN ISO 6271, ASTM D1209
Water content	max. 0.2	% by wt.	Karl-Fischer**
Amine value	655 - 665	mg KOH/g	titration

## PROPERTIES

VESTAMIN R 215 combines the advantages of polyamines in epoxy systems; low mix viscosity and moderate reactivity as well as the outstanding mechanical properties and excellent chemical resistance.

## APPLICATION

VESTAMIN R 215 is used to produce hardeners for heat cured epoxies.

Hardeners based on VESTAMIN R 215 have low viscosity, low tendency to form carbamates, and humidity resistance. Epoxy systems cured with VESTAMIN R 215 based hardeners exhibit excellent chemical resistance, high heat distortion temperatures and color stability.

VESTAMIN R 215 can be used as an epoxy hardener for composites.

## GENERAL CHEMICAL DATA

Property	Value	Unit	Test method
H-active equivalent weight	42,5	g/val	

\* DIN, ISO or ASTM methods describe our analytical procedures in general. The actual methods used internally are more precise and can be obtained upon request.

\*\* Modified by using a solution of 30% salicylic acid in methanol under cooling.



## TRANSPORT AND PACKAGING

VESTAMIN R 215 is supplied in 180 kg non-returnable drums.

## STORAGE

VESTAMIN R 215 is slightly hygroscopic and tends to form carbamates by reaction with atmospheric CO<sup>2</sup>. It should be stored free from moisture and carbon dioxide in glass, stainless steel and similar containers. Carbon steel is adequate under normal circumstances, but the use of aluminum should be avoided. VESTAMIN R 215 is stable for at least one year when stored in original containers at temperatures below 25 °C.

VESTAMIN R 215 crystallizes below 15 °C. It is necessary to completely liquify the entire contents of the container by warming to a maximum of 60 °C and mix thoroughly before use.

## SAFETY AND HANDLING

For information on toxicity and handling, consult our Material Safety Data Sheet for this product.

Marl, June 10, 2018; This data sheet replaces all former issues.

VESTAMIN<sup>®</sup> is a registered trademark of Evonik Industrie AG or one of its subsidiaries.

### Disclaimer

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