

PRELIMINARY PRODUCT INFORMATION

TYPE

Modified Hydrocarbon based, food contact defoamer for waterborne applications

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 100 %

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	1000 - 2000
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Not continually determined:

Colour / Appearance VLN 250

colour	whitish
appearance	cloudy

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	0,86
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Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 94
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SPECIAL PROPERTIES AND USES

Additol VXW 6567 is a Food Contact Compliant Defoamer for waterborne epoxy/phenolic systems used in B&B, DWI, General line containers, Caps, Closures and Aerosol industry.

It is recommended for use in spray applied repair coatings applied to seal defects formed during the mechanical crimping process.

It is also recommended in all other coating types requiring food compliance with EU and/or US regulations.

Additol VXW 6567 can be used in water borne coatings based on polyesters, alkyd, acrylic, epoxy, polyurethane and phenolic binder resins. Furthermore it could be used in waterborne adhesives and glues.

Additol VXW 6567 enables surface defect free coatings with high efficiency and good compatibility, especially in low viscous systems. Specially designed to be shear stable under high shear forces and effective at pH levels up to pH 13, Additol VXW 6567 is a robust defoamer.

PROCESSING

Additol XW 6567 should be added at high shear forces. This will insure a homogeneous distribution. As desired Additol XW 6567 can be added during any stage of the production process. On prolonged storage phase separation can develop. Prior to use it should be thoroughly agitated.

We recommend using 0.05 - 0.5 % Additol XW 6567 on total system. It is furthermore recommended to add half of the quantity to the mill base and the remainder to the formulated paint.

The optimum dosage is related to the foaming intensity and the composition of the medium. In most emulsion systems the optimum dosage can be reduced to under 0.1 %. Lab tests have shown that an over dosis of 1 % will show no negative effects on coating properties.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

Phase separation is possible, which can be remedied by thorough agitation.

DISTINGUISHING FEATURES

Additol XW 6567 has Food & Drug Administration (FDA 21 C.F.R. § 175.300) approval and is in compliance with the requirements of the EU Plastics Regulation (No 10/2011).

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.