

Coagulant WS

Specialty and Standard Chemicals

Function

Coagulant WS is a heat-sensitising agent for natural and synthetic latex compounds and for especially designed NBR lattices.

Product description

Composition: functional organopolysiloxane

Appearance: yellowish liquid

Density (at 20 °C): approximately 1.04 g/cm³

<u>Property</u>	<u>Nominal value</u>	<u>Unit</u>	<u>Test method</u>
pH value (15 % aqueous)	8.5 ± 1.0	---	403
Cloud point (15 % aqueous)	34 ± 2	°C	412

Use

Mode of action: Coagulant WS is used in conjunction with Emulvin® WA to produce heat-sensitised latex compounds that can be kept for several days before use.

Processing: Coagulant WS is a yellowish liquid which is completely miscible in cold water but not in hot water because its cloud point is approximately 34 °C. When used as a heat sensitizer, Coagulant WS must always be used in combination with Emulvin® WA.

Dosage: Depending on the desired effects, Coagulant WS can be added at levels of between 0.01 and 1.0 phr.

Application: Compounds containing Coagulant WS are used mainly in the production of non-woven fabrics, where they ensure that the binder does not migrate while the fabric is drying.

Coagulant WS can also be used in special XSBR lattices in the preparation of compounds with a coagulation point of 55 - 80 °C for the carpet sector.

A further application of Coagulant WS is as a release agent in the production of dipped gloves. In these applications, the amount of Coagulant WS in the compound is very small and Emulvin® WA is not required.

Packaging

50 kg metal canister on 450 kg skid or 200 kg rolling channel drum on 800 kg skid.

Storage stability

In original closed containers between 0 °C and 50 °C 547 days from date of production.

Handling

For additional handling information on Coagulant WS please consult current safety data sheet.

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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