

## Product Information

## TEGO® Coagulant 4720

## PRODUCT DESCRIPTION

TEGO® Coagulant 4720 is based on polyfunctional non-ionic ingredients and may be used for heat sensitization of natural and synthetic latex.

## Typical Properties

Property	Unit	Value
<b>Appearance</b>		yellowish, slightly cloudy
<b>Cloud Point</b>	°C	40-40
4% aqueous solution		
<b>Density</b>	g/cm <sup>3</sup>	1.03-1.05
at 25°C		
<b>pH Value</b>		8-11
at 40 g/l water; at 25°C		
<b>Solubility</b>		completely soluble
in cold Water		

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGO® Coagulant 4720 may be used for heat sensitization of natural and synthetic latex for various applications. By varying the concentration the sensitization temperature can be adjusted from approx. 40°C to 50°C (104 °F to 122 °F); spontaneous coagulation is observed at the adjusted temperature.

## Product Composition

Product Composition	Unit	Value
<b>Active Content</b>	wt%	100

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- The use of TEGO® Coagulant 4720 has no negative impact on the mechanical properties of the produced latex articles
- The addition of TEGO® Coagulant 4720 does not influence the stability of the latex below the sensitization temperature
- However, we recommend rapid processing of the treated latex and to secure storage temperatures below 30°C (85 °F)

## HANDLING &amp; PROCESSING

The required dosage may vary over a wide range depending on the desired sensitization temperature and various process parameters, such as type of latex (polymer type, emulsifier, solid content), type and concentration of other components, etc. We therefore recommend to evaluate the required dosage in suitable lab tests. Generally speaking a concentration between 0.1 and 1.0% TEGO® Coagulant 4720 should be sufficient. For an easier handling we recommend to apply TEGO® Coagulant 4720 from an aqueous predilution (10 to 30%). By preparation of the dilution stir until a clear solution is obtained and no concentrated product is sticking on the bottom of the dilution container. Such dilutions are designed for immediate use and should not be stored.

## PACKAGING

50 kg steel drum (300 kg each pallet)

## SHELF LIFE

TEGO® Coagulant 4720 may be stored in closed containers for at least 12 months. TEGO® Coagulant 4720 should be used as soon as possible after first opening. Contamination and environmental influence of water should be avoided.

## HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

Registration Listings	
Registry	Status
<b>China (IECSC)</b>	Yes
<b>EU (REACH)</b>	Yes
<b>European Union (EINECS/ELINCS)</b>	Yes
<b>United States of America (TSCA)</b>	Yes

## REGISTRATION LISTING SUMMARY

Based on the submitted information of our raw material suppliers we can confirm, that TEGO® Coagulant 4720 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of TEGO® Coagulant 4720 are listed/registered or exempt in the following chemical inventories:

### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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