

Zinc Oxide Solution #1

General

A zinc ammonium crosslinking agent

Key features & benefits

Carboxyl group crosslinking agent
Improves heat resistance
Improves film hardness
Improves water resistance

Properties

Appearance

Hazy solution

Typical characteristics

(should not be interpreted as specifications)

pH	11.4
non-volatile, %	15
Viscosity, cps	5
Density at 25°C, g/cm ³	1.22
Freeze/Thaw Stable	Yes
Melting Point, °C	56
Total VOC, % weight	0*

*The Volatile Organic Compounds (VOC's) for this product are below the Gas Chromatography (GC) limit of 0.005 weight percent.

Application

Zinc Oxide Solution #1 is a zinc ammonium carbonate solution designed to be used as an additive in aqueous inks and coatings where improved heat resistance and film hardness are desired. This solution provides improved film properties without substantially reducing gloss.

Zinc Oxide Solution #1 TDS EN (08-2019)

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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