

# ZEOLEX® 94 HP

## Precipitated Sodium Magnesium Aluminosilicate

### Characteristic physico-chemical data\*

Properties and test methods	Unit	Value
Median particle size	µm	7
Linseed oil absorption	ml/100g	110
pH value, 20 % in water	-	10.5
Specific Gravity	g/cm <sup>3</sup>	2.0
BET Surface Area	m <sup>2</sup> /g	70

\*) The given data are typical values. Specifications on request.

### Certifications and Classifications

#### ZEOLEX® 94 HP

CAS-No.	12040-43-6
<ul style="list-style-type: none"> <li>Consistent quality excellence achieved through effective process control, an ISO:9001 registered quality management system and implemented GMPs</li> </ul>	

ZEOLEX® 94HP Sodium Magnesium Aluminosilicate is used as a high performance titanium dioxide (TiO<sub>2</sub>) extender and sheen control agent in paints and coatings. ZEOLEX® 94HP Sodium Magnesium Aluminosilicate was designed to be a 3-for-4 replacement product. For example, when using 100 kg per batch of calcined clay it can be replaced with 75 kg of ZEOLEX® 94HP and 25 kg of calcined clay for comparable brightness and opacity with improved overall physical properties of the film. ZEOLEX® 94HP Sodium Magnesium Aluminosilicate has better performance properties than calcined clay, including high brightness and improved opacity in architectural interior flat paints.

### Properties and applications

- Consistent sheen control
- High brightness
- Low specific gravity
- Reduces TiO<sub>2</sub> loading
- High opacity
- Delivers improved performance properties
- Overall balance of performance properties in conjunction with TiO<sub>2</sub> replacing benefits
- Equally effective in solvent born and water born systems

### Safety and Handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet. We recommend to read carefully the Safety Data Sheet prior to the use of our product.

### Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content.

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