



Silver Zeolite Inorganic Slurry Inorganic Silver Anti Microbial Slurry Grade Ref: SIZA 500

SIZ 1900 is unique Inorganic Silver Zinc Anti Microbial Powder used as coating additive in water based applications. The SIZA 500 Zeolite Silver Zinc Slurry is compatible for high temperature resistance is required.

The Zeolite are formed with the aluminosilicate framework is negatively charged, silver ions can be readily incorporated by ion-exchange. The Nanoparticles of silver anchored zeolite are highly chemical and thermal stable. With typical usage from 1% to 5% in variety of applications Silver Zeolite Slurry can be used. The Silver Zeolites with Zinc is unique way of encapsulating bad odor. Zeolites frame work is well known for absorbing odors like ammonia, nitrogen and methane gas. Zinc is well known active ingredient used to protect fungi growth.

Typical Properties

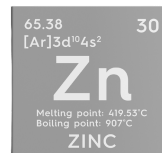
Appearance..... White Slurry
pH..... 7-9
Thermal stability.....Upto 800 deg. cel
Specific Gravity..... 1.4 g/cc
Average particles.....2-3 micron
Active Content.....25%
Carrier.....Deionized Water

Application Areas

- **Textiles & Apparels**
- Undergarments, Sport ware
- Home Furnishing Textiles, Upholstery, Curtains, Bathroom Textiles, Towels, Bedding materials, Mattresses, Pillow cases, Quilt covers, Bed linen, Bed Sheets.

Advantages

- Broad spectrum of efficacy against Bacteria and Fungi
- Protective mechanism of releasing silver through Zeolite in controlled slow release
- Nano Technology
- High Temperature Resistance
- Wash Durable
- Non Yellowing
- Low application costs
- Chemically stable
- Compatible with water borne applications
- Effective when blended with water based binders Acrylics, PUD etc.



Available packaging

25 Kg Pail

1200 Kg IBC Tote

Shelf life

36 months

If stored in covered place.



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NOTE: Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product is appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, and whether such use will infringe the intellectual property rights of third parties.