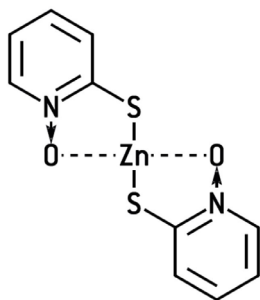


## Paints & Coatings

Zinc Omadine® 48 % Dispersion is an effective broad-spectrum biocide for the dry-film preservation of industrial products against spoilage from fungi, yeasts, algae and bacteria.



US EPA Registration no. 1258-841

## Summary

This product is a 48 % dispersion of zinc-2-pyridinethiol-1-oxide (also known as zinc pyrithione) and is particularly effective as a single-active, dry-film preservative for architectural coatings and paints. It can contribute to the in-can protection of aqueous mineral and pigment slurries, synthetic polymer emulsions and water-based adhesives.

### Typical Physical Properties

General	A white-to off white fine particle size 48 % active zinc pyrithione dispersion
Physical Form	Liquid dispersion
pH 25° C	6.5 - 8.0
Boiling Point	100° C
Specific Gravity 25° C	1.2 g / ml (approx.)
Density 25°C	10.0 lb. / gal (approx.)
Viscosity 25° C, Brookfield	1000 - 2000 cps

## How to Use

Cost-effective use level recommendations can only be established through testing of a specific formulation as it is intended for use in a specific application. Formulations differ in their composition and as a result, can impact their susceptibility to microbial attack. Conditions, use, and performance expectations differ from product to product. A high performance preserved product that is under consideration for use in humid environments, is likely to need a high dose of biocide. Preserved product that is not intended for use in humid environments would likely need a lower dose of biocide. Therefore, while example use levels are provided below, the balance between biocide dosing and cost and performance requirements can only be determined by laboratory and field testing in the particular intended environment. Zinc Omadine® 48 % Dispersion should be added to the system as early in the process as possible.

Product	Suggested Concentrations % (w/w)
Paints and Coatings	0.5 - 1.0
Dry Wall	Up to 0.8
Ceiling Tiles	Up to 0.8
Water-based Adhesives	Up to 1.0
Joint Compounds, Glazing Compounds and Wood Fillers	Up to 1.0
Styrene Butadiene, Natural Rubber and Thermoplastic Resins	Up to 0.8
Synthetic Polymer Emulsions	Up to 1.0
Aqueous Mineral Slurries	Up to 1.0
Non-Food Contact Flooring Adhesives	0.15 - 0.48
Non-Food Contact Caulks and Sealants	0.41 - 1.0
Non-Food Contact Grouts and Patching Compounds	0.2 - 0.8

## Indirect Food Contact Uses

Product	Suggested Concentrations %(w/w)
Adhesives	0.15 - 0.20
Synthetic Polymer Emulsions	Up to 0.10
Aqueous Mineral Slurries	Up to 0.10

It is a violation of U.S. Federal Law to use this product in a manner inconsistent with its labeling.

## Technical Service

As part of our customer support program Arxada's Technical Service Laboratories can assist with compatibility and performance testing. Please contact your local Arxada Account Representative for information about these customized services, sample orders, container sizes and pricing.

## Health and Safety

Arxada has a high level of expertise in the fields of safety, health and environment and is fully committed to the Product Stewardship of biocidal products.

A Safety Data Sheet (SDS) for this product may be supplied upon request. Refer to the SDS for information on storage, container disposal and safe handling practices.

For information on spills, call +1 800 654 6911.

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### Use Biocides Safely. Review and follow all product safety instructions.

All product information corresponds to Arxada's knowledge on the subject at the date of publication, but Arxada makes no warranty as to its accuracy or completeness and Arxada assumes no obligation to update it. Product information is intended for use by recipients experienced and knowledgeable in the field, who are capable of and responsible for independently determining the suitability of ingredients for intended uses and to ensure their compliance with applicable law. Proper use of this information is the sole responsibility of the recipient. This information relates solely to the product as an ingredient. It may not be applicable, complete or suitable for the recipient's finished product or application; therefore republication of such information or related statements is prohibited. Information provided by Arxada is not intended and should not be construed as a license to operate under or a recommendation to infringe any patent or other intellectual property right. No claims are made herein for any specific intermediate or end-use application. All trademarks belong to Arxada or its affiliates or to their respective third parties and are used here only for informational purposes. © 2021 Arxada

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