



## PRODUCT DESCRIPTION:

***Oxygen® is a scientifically engineered smart mineral-based biofilter surface paint that actively purifies air, neutralizes harmful bacteria and supports human health and wellness in the process.*** It is made of high-quality clean-technology material ideal for interior walls, ceilings and trims, creating a natural earth tone finish.

It is also formulated with ceramic fillers, that provides breathable and insulating characteristics along with a uniform, easy to apply latex finish. Oxygen® has also passed the CLASS A Fire Rating Test ASTM E84-01 as per NFPA 101 Life Safety Code and all of its tests conducted in top labs in the United States and Canada are ISO 22196 compliant.

When applied according to specifications, Oxygen® paint offers up to 10 YEARS LIMITED MATERIAL WARRANTY.

*\* This paint is described as "Zero V.O.C." because it doesn't contain any of the solvents that are normally used in conventional latex paints. Trace amounts of V.O.C.s may be present as residual components of other ingredients but the total V.O.C. content will still be negligible.*

## OXYGEN® PAINT USES:

Oxygen® can be used on most wall, ceiling and trim surfaces such as primed plaster, wallboard, wood, concrete, brick, masonry, primed ferrous metal, non-ferrous metal, and well bonded wallpaper and various other substrates. Oxygen® coating is excellent for most residential, commercial and industrial applications.

### HIGH PERFORMANCE SURFACE IMPACT FEATURES:

- Antibacterial
- Ant pollutant
- Anti mold
- Excellent interior durability
- Stain & dirt pick up resistance
- Excellent freeze-thaw stability
- Excellent breathable paint ideal for humidity
- Highly water resistant
- Self-cleaning & anti odor
- 10 YEAR LIMITED MATERIAL WARRANTY

## SURFACE PREPARATION:

### PREVIOUSLY PAINTED SURFACES:

Wash off all dirt, grease, soap and oil build-up with a powdered household cleaner and water. Rinse thoroughly. Remove loose paint and powdery substances. Patch cracks and holes with patching paste. Dull any nonporous or glossy surfaces by thoroughly washing with an abrasive kitchen cleaner or by scuff sanding. Rinse and/or remove any powdery residues. Spot prime patched areas before painting entire wall with Oxygen®.



#### UNPAINTED SURFACES:

**Drywall:** Fill nail holes and cracks with patching paste. Remove all dirt and loose material. Spot prime patched areas before priming entire wall with Acrylic Primer Sealer, before painting with Oxygen®.

**Plastered Walls:** Surface must be dry, cured and hard. Textured or swirl types and soft, porous or powdery plaster must be treated with a solution of one pint household vinegar in one gallon of water. Repeat until surface is hard. Rinse with plain water. Let dry and apply a coat of Acrylic Primer Sealer, before painting with Oxygen® paint.

**Non-Ferrous Metal:** Clean surface of all grease, oil and foreign matter before priming. Unprimed ferrous metals must be pre-primed with METAL-PRIME RED-OX™, a Red Iron Oxide Primer Sealer, before painting with Oxygen® paint.

**Masonry:** Prime masonry before painting. New masonry must either be sealed with CHALK-FORCE™ or aged 60 days, before painting with Oxygen® paint.

#### APPLICATION PROCEDURE:

Stir well before using. Thinning is not recommended, however, if necessary, use water sparingly. Do not apply when temperatures are below 40 degrees Fahrenheit or when humidity is very high. Apply using brush, roller or spray. When rolling, apply in an “N” pattern first, then cross roll to spread paint, and finish with light roller strokes in downward direction. Always roll or brush from untouched into wet paint areas. Allow at least 4 hours to dry before applying a second coat. Two coats are required for the warranty, and a Warranty Registration Certificate must be received by Nationwide within 90 days of paint application (inquire for details). Wait at least four weeks before washing the dry paint film.

#### CLEAN UP:

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

#### TECHNICAL SPECIFICATIONS:

**FINISH:** FLAT  
**COLOR:** WHITE  
**VEHICLE TYPE:** Copolymer Emulsion  
**SOLIDS by WEIGHT:** 55% +/- 2%  
**SOLIDS by VOLUME:** 32% +/- 2%  
**V.O.C. (average):** 0 Lbs. / gal. 0g/liter

**Ambient Temperature of 77°F and RH of 50%**  
*Rates & Times May Vary Beyond Specifications*

**SPREAD RATE:** 250 to 400 sq. ft / gal  
**DRY TO TOUCH:** 2 to 4 hours  
**RECOATING:** 4 hours  
**CURE TIME:** 10 to 14 days  
**SIZE:** 1 Gallon / 5 Gallon  
**GALLON WEIGHT:** 10.8 Lbs. +/- .3 Lbs.



## MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

### Product Identification

Product Name: **Oxygen® Paint**  
Product Code #: **1000**  
General Usage: Interior Latex Paint  
General Description: Pigmented Latex Paint  
C.A.S. Number: None Established; Mixture

### Manufacturer Information

Manufacturer's Name: Nationwide Protective Coating Mfrs., Inc.  
Address: 7106 24th Court East; Sarasota, FL 34243-3993  
Emergency Telephone: 1-800-423-7264 or 941-753-7500  
Information: 1-800-423-7264 or 941-753-7500  
Web Site: [www.nationwidecoatings.com](http://www.nationwidecoatings.com) E-Mail: [info@natcoat.net](mailto:info@natcoat.net)  
Date Effective: January 1<sup>st</sup>, 2025

### Chemical and Physical Properties

Color: White  
Physical State: Liquid  
Boiling Point: 212 Fahrenheit  
Specific Gravity (H<sub>2</sub>O=1): >1  
Vapor Presence: about same as H<sub>2</sub>O Percent Volatile: 43-53%  
Evaporation Rate (Butyl Acetate=1): <1  
Odor: No Odor  
Odor Threshold: Unknown  
Melting Point: N/A  
Freezing Point: 32 Fahrenheit  
Solubility in H<sub>2</sub>O: Soluble  
pH (undiluted): 8 to 8.5  
Vapor Density (Air=1): <1

### Fire Protection Information

Decomposition/Combustion:	N/A
Flash Point:	N/A, Does Not Burn
Recommended Extinguishing Media:	N/A
Flammable Limits:	N/A

### Storage and Reactivity

Hazardous Polymerization:	Will Not Occur
Storage Conditions:	Keep from Freezing
Toxic Products Which May Form:	None

### Transportation

Hazard Classes:	None, Not Hazardous
Hazard Labels:	Not Required
Hazard Determination:	MSDS Sheet
Shipping Containers:	Varies
Shipping Class:	Class 55, Water based paint

### Container Labeling

Explanation of Unique Labeling System: None Used



## SHORT TERM EXPOSURE

### Health Hazard Data

Route of Entry:	Precautionary Treatment
Inhalation:	Expected None
Skin:	Expected None
Eyes:	Flush Immediately with large amounts of water for at least 15 minutes, hold eyelids open. Call a physician if irritation persists.
Ingestion:	Call a physician if significant amounts have been swallowed. Give patient large amounts of water or milk for dilution.

## LONG TERM EXPOSURE

Carcinogen:	None
Target Organ Effects:	None
Other Health Hazards:	None Known

### Personal Protection

Respiratory Protection:	No inhalation hazard expected
Protective Clothing:	Apron to keep off Clothes
Ventilation:	Local
Other Protective Measures:	None
Eye Protection:	Safety Glasses

### Spill or Leak Protection

Accidental Release or Spill:	Collect liquid or solidify with absorbent package for disposal.
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Neutralizing Chemical/Media: N/A

### Treatability

Biodegradability:	With water prior to cure.
Influence on Biological Wastewater Treatment:	None
Other Impacts on Wastewater Treatment:	None
Recommended Wastewater Treatment:	Dilutable Constituents
Interfering with or Not Amenable to Biological or Wastewater Treatment:	None

### Recommended Waste Disposal

Dispose of in accordance with Federal, State and Local guidelines.

*Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.*