



**ACRYLIC CERAMIC
CERAMIC SHIELD™
INSULATING & SOUNDPROOFING
INTERIOR WALL, CEILING & TRIM PAINT**

PRODUCT	DATA
20 YEAR LIMITED MATERIAL WARRANTY	#1500 #1525 #1550
	03/26/10
	superseding: 02/27/08

PRODUCT DESCRIPTION:

CERAMIC SHIELD™ is a high quality, insulating ceramic, interior wall, ceiling and trim paint. It is formulated with ceramic fillers, CERAMIC SHIELD™ provides insulating and soundproofing values along with a uniform, easy to apply, excellent hiding latex finish. When applied according to specifications, the CERAMIC SHIELD™ paint product line offers a 20 YEAR LIMITED MATERIAL WARRANTY.

CERAMIC SHIELD™ INTERIOR CERAMIC PAINT PRODUCT LINE:

- #1500 CERAMIC SHIELD™ Vinyl Acrylic Ceramic FLAT Wall, Ceiling & Trim Paint
- #1525 CERAMIC SHIELD™ Modified Acrylic Ceramic SATIN Wall, Ceiling & Trim Paint
- #1550 CERAMIC SHIELD™ Modified Acrylic Ceramic SEMI-GLOSS Wall, Ceiling & Trim Paint
- #1590 CERAMIC SHIELD™ Modified Acrylic Ceramic FLAT Interior Primer & Sealer

CERAMIC SHIELD™ PAINT USES:

CERAMIC SHIELD™ can be used on most wall, ceiling and trim surfaces such as primed plaster, wallboard, wood, concrete, brick, masonry, primed metal, and well bonded wallpaper and various other substrates. CERAMIC SHIELD™ is excellent for most residential, commercial and industrial applications.

HIGH PERFORMANCE FEATURES:

- Soundproofing & Insulating Values
- High Solids Modified Acrylic Vehicle
- Excellent Interior Durability
- Excellent Scrub Resistance
- Stain & Dirt Pick Up Resistance
- Excellent Freeze-Thaw Stability
- Excellent Leveling and Touch Up
- Highly Water Resistant
- Easy Application & Water Clean Up
- 20 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 thorough 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 CERAMIC SHIELD™ Paint.

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 CERAMIC SHIELD™ Primer Sealer, before painting with CERAMIC SHIELD™ paint.

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 CERAMIC SHIELD™ Primer Sealer, before painting with CERAMIC SHIELD™ paint.

Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and galvanized metal must be primed with METAL-PRIME RED-OX™, a Red Iron Oxide Primer Sealer, before painting with CERAMIC SHIELD™ paint.

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

APPLICATION PROCEDURE:

Stir well before using. Thinning is not recommended but 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 two 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.

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

FINISH:	Flat • Satin • Semi-Gloss	SPREAD RATE:	250 to 400 sq.ft./gal.
COLOR:	White, Deep & Clear Base	DRY TO TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 Hours
SOLIDS by WEIGHT:	52% +/- 5%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	35% +/- 5%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.60 lbs./gal. • 72.2 g/liter	GALLON WEIGHT:	11.5 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

MSDS#:
1500
1525
1550

Product Identification	Product Name: Ceramic Shield™ Paint Product Code #: 1500, 1525, 1550 General Usage: Interior Latex Paint General Description: Pigmented Latex Paint C.A.S. Number: None Established; Mixture
Manufacturer Information	Manufacturer's Name: Nationwide Chemical 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 E-Mail: info@natcoat.net Date Effective: January 1 st , 2005
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 43-53% Evaporation Rate (Butyl Acetate=1): <1 Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ 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: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint
Container Labeling	Explanation of Unique Labeling System: None Used

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding 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.
Personal Protection	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Spill or Leak Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Treatability	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Recommended Waste Disposal	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	Dispose of in accordance with Federal, State and Local guidelines.