



**MoPoxY™ Deck Armor NS-200  
Non-Skid Epoxy Coating  
41-BH-12, 41-BW-2**

Amine epoxy

**P.O. BOX 717 • THEODORE, ALABAMA 36590 -0717 • PHONE (251) 443-6110 • FAX (251) 408-0410**

<b>PRODUCT DESCRIPTION</b>	A two component, high performance, non-skid epoxy deck coating which offers very high film build characteristics for a one coat system in many applications. High Solids and low VOC.		
<b>TYPICAL USES</b>	For industrial and marine use as a non-skid floor and deck coating for industrial facilities, commercial buildings and marine structures. For coating and protecting steel, fiberglass, wood and concrete against mechanical and abrasion damage. Ideal for use on stairs, loading docks, walkways, ramps and other areas where a durable, non-skid surface is required.		
<b>PRODUCT ADVANTAGES</b>	MoPoxY™ NS-200 Coating offers excellent protection in exposures including moderate to severe industrial and marine environments. Excellent resistance to abrasion and impact. Superior service even under wet conditions. Can be applied in very high film thicknesses up to 1/4". High Solids and low VOC.		
<b>COLORS</b>	Gray 41-BH-12, White 41-BW-2		
<b>GLOSS</b>	Semigloss		
<b>PHYSICAL CONSTANTS</b>	Nonvolatile -	By weight - 96.0 ± 1.0%	
		By volume - 92.0 ± 1.0%	
	VOC (Calculated) -	0.60 lbs./gal. 71 grams/liter	
	Flash Point -	(A) >125°F (Setaflash) (B) >200°F (Setaflash)	
	Mixing Ratio -	4:1 by volume	
	Weight per gallon -	14.7 ± 0.2 lbs. (mixed)	
<b>APPLICATION</b>	Recommended Film Thickness per coat - 60 mils dry Theoretical Coverage @ 60.0 mils dry - 24 sq. ft./gal. Method - Brush, roll or trowel Induction Time - None required Pot Life - 45 minutes @ 70°F (see Pot Life Section on back) Thinner - MoPoxY™ Brushing Thinner 75-35 Cure time @ 75°F		
		To Touch -	12 hours
		Light Service -	24 hours
		Moderate Service -	48 hours
		Severe Service -	96 hours
	Note: Cure times are 60 mils DFT. Thicker films may require longer cure time.		
<b>SHIPPING &amp; STORAGE</b>	Consists of -	1 Gallon Unit	5 Gallon Unit
	Part (A)	1 Gallon (SF)	4 Gallon (SF)
	Part (B)	1 Quart (SF)	1 Gallon
	Unit Shipping Weight	16 lbs.	82 lbs.
	(SF = short filled)		

Shelf Life - 6 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

## APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

**Limitations:** Apply in good weather when air, product and surface temperatures are above 50°F and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F.

**Surface Preparation:** Good surface preparation is essential for essential for a satisfactory coating system. Surfaces to be coated should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

**New or Previously Unfinished Surfaces - Steel:** Apply to abrasive blasted steel. "Near White Blast Cleaning" (SSPC-SP10) is recommended for improved performance. "Commercial Blast Cleaning" (SSPC-SP6) is recommended as the minimum. Proper blast media and blasting equipment shall be used to produce an average profile depth of 2.5 mils minimum. Do not reuse abrasive media. Remove blasting dust and grit from surfaces before painting. Blasted surfaces should be coated within 8 hours after blasting or before rusting or other contaminations of the surface occurs. Acceptable primers for steel are MoPoxY™ ZRV 40-CM-17, MoPoxY™ Primer 513-10 or MoPoxY™ ST 40-DK-2. **Concrete:** Must be clean dry, properly cured and free from all surface contaminants. "Brush Off Blast" (SSPC-SP6) to provide an etched surface and to remove contaminants and laitance. Remove dust before coating. A prime coat of MoPoxY™ Coating 513 series will provide a good base coat/sealer for concrete when thinned 20%. **Fiberglass:** must be fully cured, clean and free from wax or other surface contaminants. Fiberglass should be lightly "scuff sanded" to remove all gloss from the surface, followed by solvent wiping with MoPoxY™ Brushing Thinner 75-35, immediately before application.

**Wood:** Must be clean, bare, dry, free from wax dust, paint and all surface contaminants. Lightly "rough sand" the surface to allow for penetration.

**Previously Finished Surfaces -** For application to properly prepared unfinished surfaces only. Previously finished surfaces should have all previous finishes removed as in "New Surfaces" above.

**Mixing -** MoPoxY™ Deck Armor NS200 is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. (1) Agitate Part A with power agitator. (2) Agitate Part B with power agitator. (3) Combine entire contents of Part A and Part B and mix thoroughly with power agitator. No induction time required. Usable pot life depends on the temperature of the material.

Pot life for 1 gallon mix is 45 minutes if material, surface and ambient temperatures are maintained at 70°F. Pot life decreases as temperatures and/or mix quantities increase.

**Thinning -** Thinning is recommended. Various textures are achieved by adjusting the quantity of thinner and by application techniques. For thinning use MoPoxY™ Brushing Thinner 75-35. Thinning recommendations are:

For trowel application	5-15%
For brush application	10-20%
For roller application	5-25%

**Application -** MoPoxY™ Deck Armor NS-200 may be applied by brush, roller or trowel. Use a high quality bristle brush, "napless" roller, notched squeegee, masonry screed or trowel for application. Mix and thin according to instructions for the desired method of use. Pour Mixture in a small "puddle" on the area to be coated and draw towards you in smooth even strokes. To improve the ease of application brushes, rollers, trowels, etc. should be pre-wet with material before use. Brush application produces the lowest profile non-skid film. Roller application produces the highest non-skid profile. Application by trowel allows for the highest film build.

### Equipment:

If special equipment becomes necessary, see your Mobile Paint Representative for further recommendations regarding specific application equipment. Large scale applications may be sprayed using a bottom feed pressure pot adjusted to 45psi, equipped with 4ft. Binks 125 Pole Gun with a 3/8" spray tip, adjusted to 15 psi atomization pressure at the gun.

**NOTE:** During lunch, breaks or any period of work stoppage, material should be removed from hoses and equipment. Release pressure from equipment and flush hoses and equipment with MoPoxY™ Brushing Thinner 75-35, or 43-EF-97 Clean up Thinner. Do not repressurize equipment until ready to resume work.

**Cleanup:** Clean all equipment immediately after use with MoPoxY™ Brushing Thinner 75-35, or 43-EF-97 Clean up Thinner. Completely flush all spray equipment with either of these thinners. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

**Safety:** Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

**Notice -** The technical data contained herein are true and accurate to the best of our knowledge. All products are offered and sold subject to Mobile Paint Manufacturing Company's Standard Conditions of Sale. Published technical data and instructions are subject to change without prior notice.

41-BH-12 & 41-BW-2(7/2021)

## LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.