

## MS003 FLOOR PRIMER

**MS003** is an acrylic floor preparation solution designed to improve flooring substrates before the application of floor-covering adhesives. **MS003** will improve dry, porous substrates for a better bonding surface, help protect the adhesive from alkalinity damage and improve adhesive spread rate. **MS003** is suitable for use over APA approved flooring grade plywood, concrete or acoustical concrete and floor patch and can prevent over absorption of adhesives resulting in a better bond. **MS003** may also be used as a primer for gypsum-based substrates prepared in accordance with ASTM F2419. **MS003** is designed and warranted for use only in conjunction with MSI adhesives.

### BEFORE YOU BEGIN:

Important: Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation. This document may be obtained by calling (714) 685-7500.

### USAGE:

Use on concrete substrates to block high surface pH conditions. Substrate must be clean and dry. Moisture test results must not exceed 85% in-situ Relative Humidity (ASTM F 2170), and surface pH should not exceed 12.0. Mechanically remove all existing adhesive ridges, leaving surface smooth and make certain substrate is free of oil, grease, sealers or curing agents, adhesive residue or any material that would prevent adequate coating.

Apply **MS003** as an even coat over the entire surface of the floor. Only one coat is required. Allow **MS003** to dry for a minimum of 4 hours, or until completely dry and hardened to the touch.

### APPLICATION:

3/8" nap roller: 350–400 square feet per gallon – Make certain to keep the applicator roller wet with material.

Sprayer application: 400–500 square feet per gallon – Overlap spray pattern to ensure full coverage.

Do not use **MS003** if solvent or chemical cleaners have been used. Patching or leveling of substrate must follow all manufacturers' application and curing instructions prior to applying **MS003**. Perform a bond test with **MS003** over any patching compound before general application of either. Do not use **MS003** in combination with any other sealer or encapsulant. Do not use **MS003** to encapsulate cutback adhesive residues. **MS003** cannot be used as a moisture sealer. The floor and room temperature, as well as the **MS003** should be between 65°–95° F and the humidity should be between 10%–65% for 48 hours prior to, during, and after the installation. **MS003** is not recommended for use in conjunction with polyurethane-based adhesives.

Substrate	Application	Coverage Sq Ft / Gallon
All	3/8" Nap Paint Roller Sprayer	350-400 400-500

### CLEAN UP:

Clean up spills with soapy water. Dried residues may require the use of a solvent cleaner. Containers must be kept tightly closed when not in use.

### SUBSTRATE CONDITIONS:

Use on concrete substrates on or above grade with up to 85% RH and a pH reading of 8.0–12.0

### USE OVER:

APA approved flooring grade plywood.

On or above grade concrete.

Acoustical concrete.

Floor patch.

### LIMITATIONS:

Do not allow product to freeze.

Not to be used as a moisture sealer or adhesive encapsulant.

Do not use without performing a bond test first.

Do not use **MS003** in combination with any other manufacturers adhesive.

It is up to the installer to determine proper application based on jobsite conditions.

### LEED® v4 PROGRAM CREDITS:

(where applicable)

- IEQ Credit 2.1, 2.2: Low emitting materials

- VOC content is below that established by SCAQMD Rule 1168

- California Section 01350 compliant

### PRECAUTIONARY STATEMENTS:

In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Avoid release to the environment. Safety glasses and gloves are recommended if contact is expected. Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling (714) 685-7500.

### PROP 65 STATEMENT:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other re-productive harm.

### SUPPLEMENTAL INFORMATION:

Shelf Life: 2 years from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°–95°F. DOT Hazard Class: Unregulated.

MADE IN USA

### FOR PROFESSIONAL USE ONLY

NOT LABELED FOR CONSUMER USE

### DISTRIBUTOR IDENTIFICATION:

MSI

2095 N. Batavia Street

Orange CA 92865

Telephone: (714) 685-7500

Hours of operation:

M-F 9am - 5pm pst

[www.msistone.com](http://www.msistone.com)

### DISCLAIMER:

Users should determine the suitability of this information or product for their own particular purpose or application. Manufacturer is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions.

revision: 121818

supersedes: 060418

