

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 – Use 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

CLEANUP:

Clean 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 manufacturer's adhesive.
It is up to the installer to determine proper application based on jobsite conditions.

LEED v4 PROGRAM CREDITS (where applicable)

- IEQ Credit 4: Low-emitting materials
- VOC content is below that established by SCAQMD Rule 1168
- California Section 01350 compliant
- FloorScore certified



Registration # SCS-FS-07562

CAUTION IRRITANT:

MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT. Do not get in eyes, on skin or on clothing. Do not breathe fumes. Use with adequate ventilation. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container. KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT:

If in eyes or on skin, rinse with water for at least 15 minutes. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.
SEE SAFETY DATA SHEET

PROP 65 STATEMENT:

None. For more information, go to www.P65Warnings.ca.gov.
VOC: 0 g/L (as calculated per SCAQMD 1168)

24-HOUR EMERGENCY CONTACT

Chemtrec (Transport/Environmental):
1-800-424-9300 or 1-703-527-3887 (Outside U.S.)
Rocky Mountain Poison Center: 1-866-767-5089

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. MADE IN USA.

DISTRIBUTOR IDENTIFICATION:

MSI
2095 N. Batavia Street
Orange, CA 92865
Telephone: (714) 685-7500
Hours of operation:
M-F 9am - 5pm pst

www.msisurfaces.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.

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