

## MS005 ADHESIVE ENCAPSULATOR

**MS005** is a light-colored, high-strength acrylic polymer compound formulated to isolate old cutback and other adhesive residues that would discolor or affect the bond of the new flooring installation. Black, asphalt-based cutback adhesive is highly reactive with vinyl-back flooring and must be completely removed until there are no remaining trowel ridges or continuous film. **MS005** can be used to isolate the remaining permanent stain after the cutback has been removed. Prior to the installation of floor covering systems, **MS005** provides a clean surface for better adhesive bonds. It is solvent-free and contains an antimicrobial system to protect the adhesive from bacterial and fungal growth. **MS005** 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:

Existing multipurpose and pressure-sensitive adhesives must be mechanically scraped down to a bare residue flat with the substrate. Do not use solvent or any liquid cleaners to remove old adhesives. **MS005** must be applied over a solid surface. Soft adhesives, excess residue, or any surface that does not support the film will result in a failure of the product. Any remaining residue must be well bonded with no flaking or peeling. Floors must be clean, dry, and free of dust and dirt, other concrete sealers, curing compounds, wax, oil, paint and other markings, or any foreign matter that will interfere with a good bond. **MS005** is not recommended for covering over oil and grease contamination, spray paint, ink, crayon, grease pencil, permanent markers, chalk lines, or other floor markings that can migrate to the finished flooring. These contaminants should be mechanically removed prior to applying **MS005**. Patching of subfloor must follow all manufacturers' application and curing instructions prior to applying **MS005**. A bond test must be performed with **MS005** over any patching compound before general application of either.

### DIRECTIONS:

Apply **MS005** with a 3/8" nap paint roller, as an even coat over the entire surface of the floor. Make certain to keep the application roller wet with material. Only one coat is required at an application rate of 315–360 square feet per gallon. Allow **MS005** to dry for a minimum of 4 hours, or until completely dry and hardened to the touch.

Substrate	Application	Coverage Sq Ft / Gallon
All	3/8" Nap Paint Roller	315-360

### 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 8.0–10.0.

### USE OVER:

On or above grade concrete.  
APA-approved plywood.  
Old cutback stains.  
Pressure-sensitive adhesive residues.

### LIMITATIONS:

Do not allow product to freeze.  
Must be applied to a solid surface.  
Store indoors at a temperature between 65–95°F.

Not for use where the concrete tests higher than 85% in-situ Relative Humidity according to the latest version of ASTM F2170.

The pH of concrete substrates must be between 8.0–10.0 before applying this product.

**MS005** is not recommended for use in conjunction with polyurethane-based adhesives.

Do not use **MS005** in combination with any other sealer or encapsulant.

Do not use **MS005** 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:

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:

Contains silica quartz bound inextricably in a matrix. If in eyes or on skin, rinse with water for at least 15 minutes. If inhaled, move person into fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. SEE SAFETY DATA SHEET.

### 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

### PROP 65 STATEMENT:



WARNING: This product can expose you to chemicals including crystalline silica which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).  
VOC: 5.8 g/L (as calculated per SCAQMD 1168)

### 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](http://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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