

MS001 Resilient Adhesive

MS001 is a light-colored, solvent-free adhesive with aggressive tack and is non-staining. **MS001** contains an antimicrobial system for enhanced resistance to mold and mildew. When used with LVT, plank, and vinyl sheet flooring, **MS001** provides a tenacious, permanent bond. When used with carpet tiles in a dry install, this adhesive is formulated for releasing and re-bonding while permanently retaining its tack, allowing individual tiles to be lifted out easily and replaced without substantial loss of adhesive properties.

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.

INSTALLATIONS:

Follow the flooring manufacturer's installation instructions and guidelines regarding adhesive application rate and method. Always roll the installation in both directions with a 75–100 lb., 3-section roller (or roller specified by manufacturer) immediately after flooring is placed, ensuring complete contact with adhesive.

Installing Carpet Tile:

Spread the adhesive with an appropriate trowel or paint roller, and allow to dry completely before placing tiles for a releasable installation. Drying time is approximately 30 minutes, depending on ambient humidity and temperature. Use a 1/16"x1/32"x1/32" U-notch trowel, 3/8" nap roller, or flat trowel. Coverage will be approximately 220–260 sq. ft./gallon or 350–400 sq.ft. / gallon for roller or flat trowel applications.

Installing over nonporous substrates:

- Install vinyl sheet, tiles, and plank flooring into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30–60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on nonporous substrates. Use a 1/16"x1/32"x1/32" U-notch trowel. Coverage will be approximately 220–260 sq. ft. / gallon.

Installing over porous substrates:

- Vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate. Roll the installation in both directions with a 75-100 lbs., 3-section roller immediately after flooring is placed and positioned, ensuring complete contact with adhesive. When installing vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Use a 1/16"x1/32"x1/32" U-notch trowel. Coverage will be approximately 220–260 sq. ft./gallon.

Flooring	Trowel	Coverage Sq Ft / Gallon
Modular Carpet Tile Carpet Cushion	1/16"x1/32"x1/32" U-notch Flat Trowel 3/8" Nap Paint Roller	220-260 350-400 350-400
LVP, LVT & Sheet	1/16"x1/32"x1/32" U-notch	220-260

TRAFFIC:

Follow the flooring manufacturer's installation guidelines; otherwise restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads, or furniture placement for 72 hours after installation. Additional time may be necessary if the installation is over a nonporous substrate. Allow at least five days following the installation before conducting wet-cleaning procedures or initial maintenance.

CLEANUP:

Use a clean, wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of an appropriate solvent.

SUBSTRATE CONDITIONS:

Use on concrete substrates with up to 90% RH for resilient flooring installed on or above grade (per current ASTM F2170), and pH of 8.0–10.0.

USE WITH:

Vinyl-backed modular carpet tile, non-vinyl-backed modular carpet tile, Luxury vinyl tile (LVT), luxury vinyl plank (LVP), resilient sheet vinyl, vinyl composition tile (VCT), fiberglass-reinforced sheet vinyl, carpet cushion (to substrate).

LIMITATIONS:

Do not allow product to freeze. Do not use on substrates that have been chemically cleaned or over treated plywood. Do not use to install vinyl-backed flooring over asphalt-based (cutback) adhesive residues. It is up to the installer to determine proper adhesive 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



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

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:

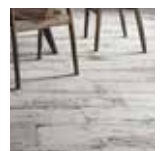
! WARNING: This product can expose you to chemicals including crystalline silica which is known to the State of California to cause cancer and ethylene oxide which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
VOC: 0.0 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:

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Hours of operation:
M-F 9am - 5pm pst
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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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