

# 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 lbs. 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 non-porous 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 non-porous 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	220-260 350-400
	3/8" Nap Paint Roller	350-400
LVP, LVT & Sheet	1/16"x1/32"x1/32" U-notch	220-260

#### TRAFFIC:

Follow the flooring manufacturers'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 non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

#### CLEAN UP:

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 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:

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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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