

MS007 Transitional Adhesive

MS007 is a high-strength, high-shear adhesive for installing multiple types of dimensionally stable floor coverings such as vinyl tiles & plank, solid vinyl tile, cork, non-pvc-backed carpet tile, and vinyl sheet flooring over porous and nonporous substrates. **MS007** offers superior initial tack that transitions to a firmer bond, with fast dry time and ease of application. This unique adhesive has outstanding water resistance and high shear strength for demanding installations such as hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings.

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:

The installation site must be acclimated with HVAC in operation. The floor and room temperatures, as well as flooring materials and adhesive, must be maintained at 65°–85°F, and the humidity between 45–65% for 48 hours prior to, during, and continuously after the installation. Asphalt-based or cutback adhesive stains must be removed completely. Always roll the installation in both directions with a 75 lb., 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

INSTALLATION:

Porous substrates:

- Vinyl and non-vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate.
- When installing vinyl and non-vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive.

Nonporous substrates:

- Install vinyl and non-vinyl sheet, tile, 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 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on nonporous substrates.

PLEASE NOTE: Due to the many additives being used in or on concrete slabs, it is critical that a bond test be performed. Some treatments will repel any sealer or adhesive. If usage instructions are not completely followed, **DO NOT USE THIS PRODUCT.**

ADHESIVE WORKING TIME:

Up to 2 hours after drying.

Flooring	Trowel	Coverage Sq Ft / Gallon
All approved flooring	1/16"x1/32"x1/32" U-notch	220–260

TRAFFIC:

Follow the flooring manufacturer's installation guidelines; otherwise immediate occupation and use is permitted in dried adhesive installations. 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:

Installations below, on or above grade over bare concrete substrates with up to 95% in-situ RH (per ASTM F2170), and a pH of 11.0.

USE OVER:

Below, on or above grade bare concrete in the absence of hydrostatic moisture/pressure, steel, terrazzo, APA-approved plywood.

LIMITATIONS:

Not for outdoor use. Not for below grade installations. Cannot be used over substrates that have been chemically cleaned. A bond test **MUST** be performed.

Not for use with PVC-backed carpet tile. Do not allow product to freeze.

Asphalt-based or cutback adhesive stains must be removed completely.

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
- 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:

⚠️ WARNING: This product can expose you to crystalline silica which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. VOC: 0 g/L (as calculated per SCAQMD 1168)

24-HOUR EMERGENCY CONTACT

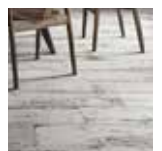
Chemtrec (Transport/Environmental):
1-800-424-9300 or 1-703-527-3887 (Outside U.S.)
Rocky Mountain Poison Center: 1-866-767-5089

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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