

Premium Grade



Capitol®



VA500 is a powerful clear thin spread adhesive that dries fast and sets up harder to resist the movement of vinyl composition tile early in the installation.

This adhesive may be used in tile over tile installations as well as over aged residual cutback adhesive.

Features

- Dries clear
- Fast tacking
- High shear

This product is protected by **AMP Guard®**, an anti-microbial protection system that inhibits the growth of mold, mildew and odor causing bacteria in both wet and dry adhesive.

*Earth Friendly

- Solvent Free
- Low VOCs

VA500 is a solvent free, water-based adhesive that meets the strict requirements of the South Coast Air Quality Management District and may contribute one LEED point for “Low-Emitting Material-Adhesive and Sealant” (IEQ Credit 4.1). This product may also contribute one to two LEED points for MR Credit 5 if product is manufactured within 500 miles of the project site. Visit usgbc.org for additional details.

Product Use

- RESIDENTIAL
- HEAVY TRAFFIC COMMERCIAL

FOR THE INTERIOR INSTALLATION OF: Vinyl composition tile (VCT) over APA underlayment grade plywood, sanded oriented strand board (OSB), hardboard, poured-in-place gypsum underlayment (primed) and terrazzo. May also be used to install one layer of VCT over an existing layer of VCT (existing VCT must be well bonded, limited to one layer and free of all contaminants on the surface).

Physical Characteristics

(70°F, Relative Humidity 50%)

OPEN TIME: Approx. 30 minutes

WORKING TIME: Approx. 6 hours (do not allow dust to settle on adhesive film)

VOC: 16 g/L (coating); 0.7% by weight
This product complies with Ozone Transport Commission’s VOC requirements and contains less than the maximum of 150 g/L (Indoor Floor Covering Installation).

STORE AND TRANSPORT:
Protect from freezing

SHELF LIFE: One year in unopened container

Product Notes

Moisture levels must not exceed 5 lbs./1,000 sq. ft./24 hrs. (ASTM F1869) or 85% relative humidity (ASTM F2170). Always check with the flooring and cushion manufacturer for their allowable

moisture limits. Do not exceed manufacturer’s recommendations.

The trowel notches referenced are those typically recommended for the type of flooring being installed. Surface conditions will ultimately determine trowel notch size and coverage. VA500 may also be roller applied.

After installation, restrict foot traffic and moving of heavy objects for 24 to 48 hours.

Preparation

Ensure substrate, flooring material and adhesive are acclimated 48 hours prior to installation and installed at the same temperature and relative humidity (RH) expected during normal use (between 65–95°F, ≤65% RH). Refer to flooring manufacturer’s specific recommendations.

Ensure adequate ventilation during installation.

(continued on next page)

TROWELS AND COVERAGE

Vinyl Composition Tile with Semi-porous Substrate (VCT over VCT)

1/16 x 1/32 x 1/32 in.

250–300 sq. ft. per gallon

Vinyl Composition Tile with Porous Substrate

1/16 x 1/16 x 1/16 in.

170–180 sq. ft. per gallon

Preparation (continued)

Subfloors must be structurally sound, dry, smooth, flat and free of excess moisture/alkali (≤ 9) and all substances that might interfere with bonding.

Repair cracks, holes, high spots and irregularities. Use polymer-modified, cement based patching compounds. Expansion/moving joints must not be filled/covered with flooring.

Installation

Spread adhesive uniformly with appropriate trowel. Allow adhesive to dry completely and become tacky to the touch (does not transfer to the finger). Set tile into adhesive.

Roll flooring with manufacturer's recommended floor roller.

Clean Up & Removal

Wet adhesive – warm soapy water or Capitol CL800 Adhesive Cleaner.

Dry adhesive – Capitol CL800 Adhesive Cleaner or mineral spirits sparingly with a clean, white, cotton cloth.

DO NOT POUR CLEANER DIRECTLY ON FLOORING.

Warnings

EXISTING FLOORING AND ADHESIVES MAY CONTAIN ASBESTOS. Unless you have confirmation that the existing flooring system is not asbestos containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing flooring or adhesive without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of these products. You may also refer to the Resilient Floor Covering Institute's "Recommended Work Practices for Removal of Resilient Floor Coverings."

EXISTING PAINT MAY CONTAIN LEAD. Unless you have confirmation that the existing paint is not lead containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing paint without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of lead containing paint. You may also refer to www.epa.gov/lead.

Limited Warranty

Roberts Capitol warrants that this product will be free from manufacturing defects for 12 months from the date of purchase,

when applied in accordance with Roberts Capitol's instructions and industry standards. Roberts Capitol's sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.** Any implied warranties arising by operation of law are limited to one year. Roberts Capitol will not be liable for any incidental or consequential damages. Some states do not allow these limitations or exclusions, therefore they may not apply. Visit www.capitoladhesives.com for full warranty details.

Available Size

4 Gallon (Item #VA500-4)

Find More Info

Refer to material safety data sheet, www.capitoladhesives.com, industry standards, and manufacturer's guidelines prior to installation for additional information.

For technical assistance please contact our Technical Department at (706) 277-5294.



70112-6768

The Capitol logo features the word "Capitol" in a white serif font, with a stylized blue and white graphic element to its left that resembles a flag or a ribbon.

Warranty

ROBERTS CAPITOL TEN (10) YEAR

LIMITED WARRANTY

Roberts Capitol, Inc. warrants that Roberts VA500 Premium Vinyl Composition Tile Adhesive will be free from manufacturing defects, under normal use, for a period of ten (10) years from the date of purchase. Roberts Capitol VA500 is recommended for the installation of vinyl composition tile (excluding self-adhering tile).

If a flooring installation fails as a direct result of a manufacturing defect Roberts Capitol will pay the reasonable costs for materials and, when installed by a professional installer, Roberts Capitol will pay reasonable labor for the repair or replacement of the defective area, as determined in Roberts Capitol's sole discretion. The cost of labor and repair paid by Roberts Capitol will not exceed the original purchase price of the flooring area being replaced. Roberts Capitol cannot guarantee an exact match to the existing flooring, therefore it is recommended that the owner maintain adequate stock of the original flooring installed. The product is warranted provided the initial flooring installation was installed in accordance with product instructions, the flooring manufacturer's instructions and industry standards. The determination of whether the product is suitable for its intended use is solely the responsibility of the user of the product.

Roberts Capitol reserves the right to be provided samples of the flooring, adhesive and surface preparation material and reserves the right to inspect any floor covering installation that is alleged to be defective prior to authorizing any claim. Any claim repaired or replaced without written authorization will void the warranty. Roberts Capitol is not responsible for determining the compatibility between the product, flooring and subfloor beyond what is stated in Roberts Capitol's written literature.

This warranty excludes, but is not limited to, improper workmanship, improper storage, defective products

other than Roberts Capitol, products not sold as first quality, flooring not installed in accordance with the flooring manufacturer's recommendations (to include, but not limited to, temperature, humidity, moisture levels, maintenance), substrate irregularities or contamination, excessive moisture/alkalis, improper maintenance, acts of god, or any other situation out of Roberts Capitol's control. To qualify for the warranty the batch number of the adhesive and original purchase receipt must be supplied to Roberts Capitol. This warranty is nontransferable and is the only remedy offered on a one time basis for the affected area. Roberts Capitol assumes no responsibility for loss of use or any other incidental or consequential damages.

There are no implied warranties, including merchantability and fitness for a particular purpose.

Some states do not allow exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

This limited warranty becomes null and void if the customer does not provide the warrantor written notice within thirty (30) days of the discovery of any alleged deficiency. Roberts Capitol reserves the right to be reimbursed for reasonable charges, including travel and labor, associated with any non-valid claim. This Limited Warranty is effective May 28, 2012 and supersedes all previous warranties.

Submit claims to:
ROBERTS CAPITOL, INC.
Attn: Technical Services Department
300 Cross Plains Boulevard
Dalton, Georgia 30722

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Roberts Capitol Premium Vinyl Composition Tile Adhesive
Product Code: VA500

MANUFACTURER : ROBERTS CAPITOL
ADDRESS : 300 CROSS PLAINS BLVD.
DALTON, GA 30721

EMERGENCY PHONE : (800) 424-9300
INFORMATION PHONE : (706) 277-5294

EFFECTIVE DATE: 01/16/12
Issued by: M. King

2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>Wt%</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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None

Not hazardous as defined by OSHA 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

Caution! May cause slight eye, skin and respiratory tract irritation. Ingestion may cause gastric disturbances.

4. FIRST-AID MEASURES

General Advice:

Remove contaminated clothing.

Inhalation

Move victim to fresh air and keep the person calm. Assist in breathing if necessary. Seek medical attention.

Skin Contact

Wash with soap and water. If irritation develops, seek medical attention.

Eye Contact

Flush with copious amounts of water for at least 15 minutes. If irritation develops, seek medical attention.

Ingestion

Do not induce vomiting. Wash mouth with water and then drink plenty of water. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

5. FIRE-FIGHTING MEASURES

Flash Point: NA

Extinguishing Media

Dry chemical, carbon dioxide, foam, water/ water spray.

Hazardous Combustion Products

Carbon dioxide, carbon monoxide, unknown by-products of combustion otherwise no particular hazards known.

Protection of Firefighters

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions - Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

Environmental Precautions - This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

Clean Up - Spills should be contained, solidified, and placed in suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:

Protection against fire and explosion: No explosion proofing necessary

Storage:

Store protected against freezing and extreme heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls - Local exhaust should be used to maintain proper ventilation and air flow.

Personal Protective Equipment

- Respiratory Protection
Normally none required with good mechanical ventilation.
- Skin Protection
Chemical resistant protective gloves (butyl rubber, nitrile rubber, pvc or polyvinyl alcohol).
- Eye/Face Protection
Tightly fitting safety goggles (chemical goggles).
- General Safety and hygiene measures:
Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Wash soiled clothing immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Creamy paste
Color:	Tan
Odor:	Very mild non-offensive odor.
Specific Gravity:	1.15
Vapor Density:	Heavier than Air
Freezing Point:	approx. 32°F
V.O.C.:	16 g/l
Percent VOC by Weight:	0.7%
SOLUBILITY IN WATER:	miscible

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Excessive heat.

Materials to Avoid: Strong oxidizers.

Hazardous Polymerization: may occur will not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Ingestion ND
- Skin Contact ND
- Inhalation ND

12. ECOLOGICAL INFORMATION

Environmental Mobility:

No data is available on the product itself. Product should not be allowed to enter drains nor sources of water or areas where it can affect ground or surface waters.

Bioaccumulation Potential:

No data is available on the product itself.

Persistence:

No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Disposal

Incinerate or bury dried material in landfill in accordance with federal, state and local regulations.
For liquid material dispose of in licensed facility in accordance with federal, state, and local regulations (non-hazardous material).

Wastes or Residues

Same as above.

Package Disposal:

Dispose of in licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. TRANSPORT INFORMATION

Road:

D.O.T. PROPER SHIPPING NAME (49CFR172.101 - 102): ADHESIVE.

D.O.T. HAZARD CLASSIFICATION (49CFR172.101-102):

PRIMARY: NONE SECONDARY: NONE

D.O.T. LABELS REQUIRED (49CFR172.101-102): NONE

D.O.T. PLACKARDS REQUIRED (49CFR172.504): NONE

BILL OF LADING DESCRIPTION: ADHESIVE, NOS UN/NA CODE: N/A

Sea:

Proper shipping name: **Non-Regulated**

Sea – IMO/IMDG Class: N/A UN Nr: N/A Label: N/A

Packing Group: N/A

Marine Pollutant: N/A EMS: N/A

Air

Proper shipping name: **Non-Regulated**

Air – ICAO/IATA Class: N/A UN Nr: N/A Label : N/A

Sub Class: N/A

Packing Group: N/A Pack Instr. Passenger: N/A

Pack Instr. Cargo: N/A

Remarks: No dangerous goods in the meaning of USDOT, IMDG, IATA/IMO.

15. REGULATORY INFORMATION

Federal Regulations:

HCS Classification Not regulated

SARA 311/312 Classification: Not regulated

SARA 313 - Supplier Notification

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372:

None required.

SARA 302 Extremely Hazardous Substances: None required.

TSCA: All components are on the Toxic Substances Control Act (TSCA) inventory.

Canada

WHMIS (Canada) Not controlled under WHMIS (Canada).
Canadian lists Canadian NPRI: None required.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health:	1
Flammability:	0
Physical hazards:	0
PPE:	B

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

Prepared by Roberts Capitol Product Safety & Regulatory Compliance Group, (706) 277-5294.

Date of issue: 01/16/2012

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESSED OR IMPLIED IS MADE. ROBERTS URGES USERS OF THIS PRODUCT TO EVALUATE ITS SUITABILITY AND COMPLIANCE WITH LOCAL REGULATIONS AS ROBERTS CANNOT FORESEE THE FINAL USE OF THE PRODUCT, NOR THE FINAL LOCATION OF USAGE.