

Premium Grade



Capitol®

CA430 is a solvent based adhesive for the installation of most types of outdoor carpets.

This adhesive develops a strong initial grab to hold carpets in place, and resists all types of weather conditions for a strong long-term bond.

Features

- Waterproof when dry
- Quick setting

Product Use

FOR THE EXTERIOR INSTALLATION OF: Polypropylene, marine, needle-punched, latex, waffle and artificial grass over concrete, aged asphalt paving (hot applied), fiberglass (abraded) and exterior grade plywood.

This adhesive is not recommended for vinyl-backed products

PROFESSIONAL USE ONLY

Physical Characteristics

(70°F, Relative Humidity 50%)

OPEN TIME: Up to 15 minutes

WORKING TIME: Up to 30 minutes

VOC: 216 g/L (coating); <14% by weight

This product complies with Ozone Transport Commission's VOC requirements and contains less than the maximum of 250 g/L (Outdoor Floor Covering Installation)

DANGER! EXTREMELY FLAMMABLE. Flash point is 14–22°F. Adequate ventilation is essential. Do not smoke. Keep away from heat, sparks, flames and all ignition sources. Turn off all electrical appliances. Wear solvent resistant gloves and eye protection. Close container when not in use.

STORE AND TRANSPORT:

Freeze/thaw stable

SHELF LIFE: One year in unopened container

Product Notes

Avoid very hot, sunny, windy or rainy conditions during installation. Do not install on wet surfaces.

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.

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.

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. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material.

Place flooring into the adhesive while the adhesive is still fresh. Do not allow adhesive to skin over. The amount of time to place the flooring will vary with temperature and humidity.

(continued on next page)

TROWELS AND COVERAGE

**Carpet
(polypropylene)**



65–75 sq. ft. per gallon

**Carpet
(polypropylene)**



90–110 sq. ft. per gallon

Installation (continued)

Lift a corner periodically to see if the adhesive is transferring 100% to the back of the carpet. Seams may peak slightly and bubbles may appear from temporary swelling of rubber backings, allow adhesive to begin to set and then roll carpet into adhesive.

Clean Up & Removal

Fresh and dried adhesive – use Capitol CL800 Adhesive Cleaner or mineral spirits sparingly with a clean, white cotton cloth. **DO NOT POUR CLEANER DIRECTLY ONTO 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 Sizes

4 Gallon (Item #CA430-4)
1 Gallon (Item #CA430-G)

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.



ROBERTS CAPITOL CA430 ONE (1) YEAR**LIMITED WARRANTY**

Roberts Capitol, Inc. warrants that Roberts Capitol CA430 Outdoor Carpet Adhesive will be free from manufacturing defects, under normal use, for a period of one (1) year from the date of purchase.

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 Roberts Capitol 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 June 7, 2012 and supersedes all previous warranties.

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

Material Safety Data Sheet

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

PRODUCT NAME: Roberts Capitol CA430 Outdoor Carpet Adhesive
Product Code: CA430

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

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

EFFECTIVE DATE: 06/12/2012
Issued by: R. Hess

2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>Wt%</u>	<u>CAS</u>	<u>OSHA PEL TWA</u>	<u>ACGIH TLV</u>
Methyl Acetate	15-25	79-20-9	200 ppm	200 ppm
*Toluene	10-15	108-88-3	200 ppm	50 ppm

Toxic chemical(s) subject to reporting requirements of Section 311, 312, 313 of Title III:

Methyl Acetate
Toluene

*Toluene is listed under California's Proposition 65.

3. HAZARDS IDENTIFICATION

Extremely flammable liquid and vapor - vapor may cause flash fire
Harmful if inhaled or swallowed
Causes skin and eye irritation
High vapor concentrations may cause drowsiness and irritation of the eyes or respiratory tract

HMIS® Hazard Ratings: Health - 2, Flammability -3, Chemical Reactivity - 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

4. FIRST-AID MEASURES

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. Call physician or transport to an emergency facility.

General Advice:

Use only in well ventilated areas. Remove contaminated clothing.

5. FIRE-FIGHTING MEASURES

Flash Point: 14° - 22°F (TCC)

Extinguishing Media

Dry chemical, carbon dioxide, foam, water fog.

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.

Special fire fighting procedures:

Water may be used to keep fire-exposed containers cool until fire is out. Wear self-contained breathing apparatus with full-face piece operated in pressure-demand or other positive pressure mode when fighting fires.

Unusual fire and explosion hazard:

Never use welding or cutting torch on or near cans (even empty) because resultant pressure could rupture. Empty cans should be incinerated.

6. ACCIDENTAL RELEASE MEASURES

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

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

7. HANDLING AND STORAGE

Handling:

Protection against fire and explosion: Keep away from heat, sparks, and flame. Keep from contact with oxidizing materials. Use only with adequate ventilation. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids.

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:	Thick
Color:	Gray
Odor:	Fruity like odor
Specific Gravity:	1.17
Vapor Density:	Heavier than Air
Freezing Point:	ND
V.O.C.:	216.9 g/l (Coating)
Percent V.O.C.:	<14%
SOLUBILITY IN WATER:	slight
Flash Point:	14° - 22°F

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Excessive heat.
Materials to Avoid:	Strong oxidizers.
Hazardous Polymerization:	<input type="checkbox"/> may occur <input checked="" type="checkbox"/> will not occur

11. TOXICOLOGICAL INFORMATION

Methyl Acetate:

Oral LD-50:(rat)	>5,000 mg/kg(highest dose tested)
Inhalation LC-50: (rat)	4 h: > 16000 ppm
Dermal LD-50: (rabbit)	> 5,000 mg/kg (highest dose tested)
(human)	none

Toluene:

ACUTE TOXICITY:

Acute Oral LD50 (rats): 2.6 to 7.5 g/kg Acute inhalation LC50: 8,000 ppm (rat; 4 hours)
Eye irritation (human): 400 ppm Primary dermal irritation (rabbits): mild to moderate

CHRONIC EFFECTS AND CARCINOGENICITY:

Carcinogenicity: OSHA: NO IARC: NO NTP: NO ACGIH: NO

Breathing large amounts of toluene for short periods of time adversely effect the human nervous system, the kidneys, liver, and the heart. Repeatedly breathing large amounts of toluene as when "sniffing glue" or paint can cause permanent brain damage. Human exposure studies and animal studies suggest that exposure to large amounts of toluene during pregnancy can adversely effect the developing fetus.

Mutagenicity: negative

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 (containing flammable solvents).

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

PRIMARY: Class: 3 SECONDARY: Packing Group: II

D.O.T. LABELS REQUIRED (49CFR172.101-102): Flammable Liquid.

D.O.T. PLACKARDS REQUIRED (49CFR172.504): Flammable Liquid.

BILL OF LADING DESCRIPTION: Adhesive, N.O.S (Methyl Acetate, Toluene), Flammable liquid.

UN/NA CODE: 1133

15. REGULATORY INFORMATION

Federal Regulations:

SARA 311/312 Classification:

immediate (acute) health hazard
delayed (chronic) health hazard
fire hazard

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:

Toluene.

SARA 302 Extremely Hazardous Substances: None.

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

Canada

WHMIS (Canada): controlled.

WHMIS (Canada) Hazard Classification: B/2, D/2/A, D/2/B

16. OTHER INFORMATION

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

Health:	2
Flammability:	3
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: 6/12/2012

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