

# iLoc® Solv-Free Premium Carpet Adhesive

## Description

iLoc Solv-Free Premium Carpet Adhesive is an aggressive adhesive developed especially for the use with the iLoc brand backings. The iLoc brand backing and adhesive system is designed to provide maximum performance and durability in heavy commercial applications. iLoc Premium adhesive must be used with our iLoc ES, iLoc MB, iLoc Cushion ES and iLoc Cushion MB backings in order to take full advantage of the iLoc warranties. iLoc Premium adhesive may also be used with polyurethane attached cushion or polyurethane laminate backings. This specially formulated high strength adhesive grabs fast, develops legs quickly and provides an exceptionally strong, permanent bond. **Not** for use with any type of vinyl backed floor covering.

iLoc Premium addresses all current environmental concerns and is listed as emitting zero VOC's. This adhesive may be used over structurally sound surfaces of APA approved plywood, hard board, terrazzo and all grades of concrete where moisture and moisture related problems, such as alkalinity do not exist. Surfaces must be smooth, clean, dry and free from grease, dirt and other foreign matter, including excessive adhesive residue. All subfloors must be tested for moisture, alkalinity and bond. Moisture tests should be performed using test protocol ASTM F-1869 or ASTM F-2170.

iLoc Premium is recommended for use in healthcare facilities, educational institutions, hospitals, airports, occupied buildings and wherever heavy commercial traffic occurs. While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure the proper curing of any adhesive.

iLoc Premium adhesive contains no hazardous or carcinogenic ingredients as defined by OSHA, federal, state or local regulations such as California Prop 65. iLoc Premium meets all flammability requirements for a Class A Flame Spread Rating as per ASTM-E-84. This adhesive also contains Microban antimicrobial protection.

## Directions

Follow The Carpet and Rug Institute's Standard for Installation of Commercial Carpet (CRI-104) where appropriate:

1. Subfloor must be structurally sound, clean, dry, smooth and free of any contamination which may interfere with the adhesive bond, including any adhesive residue.
2. Follow floor covering manufacturer's recommendations regarding layout, cutting, seaming and maintenance.
3. Spread adhesive with the recommended notched trowel, leaving ridges of sufficient height to establish complete contact with back of floor covering. Trowel size may need to be increased due to subfloor porosity, floor covering backing and open time requirements.
4. Lay most floor coverings into adhesive within 20 minutes. Use the tacky dry installation method when installing carpet with non-porous backings. Lift floor covering periodically to check adhesive transfer to the backing. A 100% adhesive transfer is required to promote maximum adhesion



5. Use iLoc Solvent Based or iLoc Solv-Free seam sealer on all seams and cut edges. Roll flooring using a 50 to 75 pound floor roller shortly after installation to ensure adhesive transfer and bond.

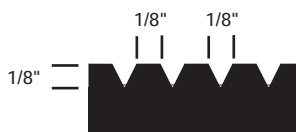
### Note:

When using iLoc Premium Carpet Adhesive to install products other than the BOLYU, Cambridge and Aqua commercial brands, refer to the original manufacturer's recommendations prior to installation.

## Clean-up

Wet adhesive can be removed from carpet face and tools with soapy water. Remove dry or wet adhesive with iLoc adhesive cleaner.

## Trowel recommendation



### Notes:

- Use 1/8" x 1/8" x 1/8" V-notch trowel.
- Up to 12 sq. yards per gallon.
- Re-notch trowel as needed

## Environmental performance

- Non-hazardous
- Water resistant
- Non-flammable
- Zero calculated VOC's
- Aggressive leg development
- Antimicrobial protection
- Low odor/odorless when cured
- For heavy commercial traffic



## Physical properties

Solids (%)	67%
Weight/Gallon	9.9
Freeze Thaw Stability	5 cycles @ 10-15°
Consistency	Light Paste
Shelf Life	1 year from date of manufacture

## iLoc Limited Warranty

The iLoc brand backings and iLoc brand adhesives were developed as a system and when used as such per installation recommendations, iLoc Premium adhesive carries the same limited warranty as the iLoc ES backing. **Limited Warranty:** When using iLoc Premium adhesive for the installation of products other than the BOLYU, Cambridge or Aqua commercial brands, the warranty is limited to only replacement or refund for any adhesive proven defective when authorized in writing by the above commercial brands. We assume no liability beyond the purchase price of this adhesive for damages of any kind and the user accepts this product "as is" and without warranties, expressed or implied. The suitability of this product for an intended use other than the installation of the iLoc brand backings shall be solely up to the user.



Adhesive Systems

# Material Safety Data Sheet

## SECTION 1. - PRODUCT IDENTIFICATION

**Product name:** iLoc Solv-Free Premium Floor Covering Adhesive  
**Chemical family:** Water Base Adhesive

## SECTION 2. - HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

Not hazardous as defined by OSHA 29 CFR 1910.1200.

## SECTION 3. - HAZARDS IDENTIFICATION

**Primary routes of entry:** Eyes.

**Medical conditions aggravated by exposure:** None known.

**Potential health effects:**

**Eye contact:** May cause slight irritation.

**Skin contact:** No effect known.

**Ingestion:** Not likely to occur. If swallowed, no side effects known.

**Inhalation:** No effect known.

**Chronic:** None known.

**Carcinogenicity:** This product contains no ingredient listed as a carcinogen by IARC, NTP, or OSHA.

## SECTION 4. - FIRST AID MEASURES

**Eye contact:** Flush with water for 15 minutes. Contact a physician if irritation occurs.

**Skin contact:** Wash with soap and water.

**Ingestion:** Induce vomiting, contact a physician.

## SECTION 5. - FIRE-FIGHTING MEASURES

**Flash point (°F):** None.

**Lower flammable limit:** None.

**Upper flammable limit:** None.

**Fire-fighting instructions:** Use protective clothing and self-contained breathing apparatus.

**Extinguishing media:** Water fog, CO<sub>2</sub>, dry chemical, and chemical foam.

**Decomposition products:** Dried material may produce CO, CO<sub>2</sub>, H<sub>2</sub>O, N<sub>x</sub>O, and other products from the burning of aromatic hydrocarbons.

## SECTION 6. - ACCIDENTAL RELEASE MEASURES

**Steps to be taken if material is released or spilled:** Dispense sand, sawdust, or vermiculite. Collect and place in waste container. Wash area thoroughly with water.

## SECTION 7. - HANDLING AND STORAGE

**Handling:** Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Keep out of the reach of children.

**Storage:** Store above 40°F.

## SECTION 8. - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Personal protective equipment:**

**Eye/face protection:** Wear splash goggles if contact with material is likely.

**Skin protection:** Wear gloves if contact with material is likely.

**Respiratory protection:** Not normally required with good ventilation.

**Engineering controls:** Normal room ventilation.

## SECTION 9. - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling point (°F):** 212

**Specific gravity (water=1):** 1.2

**Vapor pressure:** Same as water.

**Vapor density (air=1):** Same as water.

**% volatile by weight:** 32

**pH:** 9.85

**Appearance and odor:** Light tan colored paste.

**Grams volatile organic compounds/liter of coating:** 0 (Based on no solvent.)

**Grams volatile organic compounds/liter of material:** 0 (Based on no solvent.)

## SECTION 10. - STABILITY AND REACTIVITY

**Chemical stability:** Stable.

**Polymerization:** Will not occur.

**Conditions to avoid:** None known.

**Hazardous decomposition products:** None.

## SECTION 11. - TOXICOLOGICAL INFORMATION

This product has been tested for toxicity (acute inhalation; acute dermal; skin irritation; oral) and has been found to be non-toxic as defined by The Federal Hazardous Substance Act, 16 CFR 1500.3.

## SECTION 12. - ECOLOGICAL INFORMATION

No information available.

## SECTION 13. - DISPOSAL CONSIDERATIONS

Disposed of in accordance with federal, state and local regulations.

## SECTION 14. - TRANSPORT INFORMATION

For domestic transportation purpose, this product is not designated as a hazardous material by the U.S. Department Of Transportation.

## SECTION 15. - REGULATORY INFORMATION

**TSCA:** All ingredients are listed.

**SARA TITLE III:**

Section 311 and 312 Health and Physical Hazards:

Immediate [X] Delayed [ ] Fire [ ] Pressure [ ] Reactivity [ ]

## SECTION 16. - OTHER INFORMATION

**HMIS ratings:** Health=1 Flammability=1 Reactivity=0

Personal Protective Equipment=B

Hazard rating scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

BOLYU, Cambridge and Aqua believe the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

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PREPARED BY: J. Westerfield

Technical Services  
PO Box 1447  
1996 Highway 225 South  
Chatsworth, GA 30705  
800.451.1250  
www.ilocsystems.com