

iLoc®

# Solv-Free Pressure Sensitive Carpet Tile Adhesive

## Description

iLoc Solv-Free Pressure Sensitive Carpet Tile Adhesive is a premium acrylic emulsion that combines the excellent performance of a pressure sensitive adhesive with environmental safety characteristics. iLoc Pressure Sensitive adhesive is non-flammable, water resistant and provides a long lasting bond. iLoc Pressure Sensitive is designed for the installation of the iLoc Cushion Tile backing in release applications. This adhesive can also be used for the installation of vinyl backed carpet tile as well as vinyl composite tile (VCT). Due to its pressure sensitive characteristics, iLoc Pressure Sensitive adhesive eliminates concern about installing a non-porous backed floor covering over a non-porous substrate.

iLoc Solv-Free Pressure Sensitive addresses all current environmental concerns and is listed as emitting zero VOC's. Use iLoc Pressure Sensitive 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 test should be performed using test protocol ASTM F-1869 or ASTM F-2170.

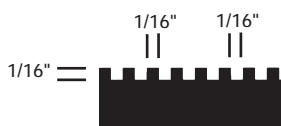
iLoc Solv-Free Pressure Sensitive contains no hazardous or carcinogenic ingredients as defined by OSHA, federal or state agencies such as California Prop 65. iLoc Pressure Sensitive Carpet Tile Adhesive meets all of the flammability requirements for a Class A Flame Spread Rating as per ASTM E-84.

## 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. When necessary use a primer on chalky floors.
2. Follow floor covering manufacturer's recommendations regarding layout, cutting and maintenance.
3. Spread adhesive using the recommended trowel size. Use the dry installation method for installations requiring releasability of carpet tiles. If carpet tiles are installed "wet", a permanent bond may result.
4. Roll floor covering as per manufacturer's recommendations. Do not wet clean floor covering for a minimum of 60 days. This will allow the adhesive to properly cure.

## Trowel recommendation



Notes:

- Use 1/16"x1/16"x1/16" square notch trowel.
- Approximately 20-25 square yards per gallon.
- Re-notch trowel as needed.

Note:

When using iLoc Pressure Sensitive Carpet Tile Adhesive to install products other than the BOLYU, Cambridge, or Aqua commercial brands, refer to the manufacturer's recommendations prior to installation.

## Clean-up

Remove wet adhesive immediately with a damp cloth. Use iLoc Adhesive Cleaner on dried adhesive.

## Environmental performance

- Non-hazardous
- Non-flammable
- Solvent-free
- Excellent plasticizer resistance
- Excellent shear strength
- Excellent coverage



## Physical properties

Solids (%)	59.0
Weight/gallon (lbs)	8.7
Base	Acrylic polymer/aqueous emulsion
Coverage	Up to 25 square yards per gallon
Open time	10-30 min. (depending on temp., relative humidity, substrate porosity)
Shelf life	One year in unopened container
Freeze Thaw Stability	5 cycles at 0°F (16 hrs freeze, 8 hrs thaw)

## iLoc Limited Warranty

The iLoc Cushion Tile backing and iLoc Pressure Sensitive adhesive were developed to be used as a system and when used as such per installation recommendations, the iLoc Pressure Sensitive adhesive carries the same limited warranty as the iLoc Cushion Tile installed.

**Limited Warranty:** When using iLoc Pressure Sensitive adhesive for the installation of products other than iLoc Cushion Tile, the warranty is limited to only replacement or refund for any adhesive proven defective when authorized in writing by BOLYU, Cambridge or Aqua. We assume no liability beyond the purchase price of this adhesive for damages of any kind and the user accepts the product "as is" without warranties, expressed or implied. The suitability of this product for an intended use other than the installation of iLoc Cushion Tile backing shall be solely up to the user.

# Material Safety Data Sheet

## SECTION 1. - PRODUCT IDENTIFICATION

**Product name:** iLoc Pressure Sensitive 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):** 1.1

**Vapor pressure:** Same as water.

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

**% volatile by weight:** 41

**pH:** 8.2

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

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

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## 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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