



DESCRIPTION: IVC FLEX-TECH FIBERGLASS BACKED SHEET VINYL PRESSURE SENSITIVE ADHESIVE

IVC FLEX-TECH is a clear set, solvent free, pressure sensitive adhesive made for the interior installation of IVC fiberglass sheet goods over approved substrates. This adhesive is formulated to be fast drying for quick installation. Flooring can be installed up to 24 hours after initial drying if the area remains dust and dirt free. FLEX-TECH is a solvent-free, low-odor adhesive that meets all Federal, State, and local government indoor air quality regulations.

USE OVER: FLEX-TECH can be used over the following: above, on, or below grade concrete in the absence of excessive moisture and alkalinity; wood underlayment (Wood underlayment panels must be underlayment grade as specified and warranted by the manufacturer.); VCT (well bonded); ceramic (well bonded); terrazzo (well bonded); self-leveling and patching compounds (Portland cement based only); resilient floor (no more than 2 layers, well bonded, non-cushioned); radiant heat floors (not exceeding 85°F). Moisture levels of concrete slabs must be 5 lbs. or less per 1000 square feet per 24 hours (2.27 kg/92.9 m²/24 hours) using an anhydrous calcium chloride test according to ASTM F-1869, and pH must be between 5 and 9; or, if using ASTM F-2170 In-Situ Probes should be less than 75% relative humidity.

***Installation Note:** Adhesive must be completely dry before laying flooring. Dry time will vary with fluctuations of temperature and humidity or porosity of the substrate. Adhesives applied over non-porous substrates require extended drying time.

FLOOR PREPARATION: Floor must be clean, smooth, flat and dry. Remove all foreign substances such as wax, grease, dirt and any substance or chemical that would interfere with a good bond. Fill all holes and cracks with a cement based patching compound. Sand high spots to eliminate the possibility of telegraphing. Prime floor if needed to prevent over absorption of adhesives, contain dust, to ensure a better bond of the adhesive to the subfloor, and over gypcrete subfloor with FLEX-PRIM Acrylic Latex Primer. The adhesive, floor covering, and area to receive resilient flooring must be maintained at a temperature of 65° to 95°F (18° to 35°C) and at a relative humidity of 30% to 60% for 72 hours before, during, and after installation. Follow IVC's guidelines regarding site conditions and installation.

RECOMMENDED APPLICATOR: A smooth surface paint roller up to a 3/16" nap is recommended. Coverage over porous substrates is up to 350 sq. ft./gal. (8.6 sq. meters/liter). Coverage over non-porous substrates is up to 400 sq. ft./gal. (9.8 sq. meters/liter). NOTE: Coverage is approximate and may vary depending on porosity of substrate and the amount of adhesive applied.

INSTRUCTIONS

1. Apply adhesive with 3/8" short nap paint roller to approved substrate.
2. Allow adhesive to dry to the point where it will not transfer to the fingers when pressed.
3. Lay flooring according to IVC's recommendations. Adhesive will remain tacky up to 24 hours in a clean dust free environment.
4. Once flooring has been installed, start from the center of the floor to remove air from under material using a push broom ("broom method"). DO NOT USE ANY TYPE OF FLOORING ROLLER, I.E., 75 OR 100 POUND.
5. Use soap and water to clean up while adhesive is still wet. If dried, use an approved adhesive remover or stripper.

NOTE: Restrict heavy traffic on floor for 48 hours after installation.

PHYSICAL PROPERTIES

Base:	Acrylic latex/resin blend
Color:	Off white
Consistency:	Light paste
Open Time:	Several hours
Shelf life:	One year in unopened container at 70° F (21° C).
Flammability:	Non-flammable Meets NFPA Class A and UBC Class 1 as determined by ASTM E-84 and also passes the Pill Test.
Features:	Solvent-free. Freeze/thaw stable to 10° F (-12° C). While this adhesive is freeze/thaw stable, it is still necessary to protect from freezing. Multiple freeze/thaw cycles below 10° F may irreversibly damage the adhesive. Contains anti-microbial agents that will provide its dry film with protection from fungal growth. This protection is determined using the ASTM G21 test method.

CAUTION: DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION: This product is manufactured according to exacting quality control standards and warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied is made regarding the performance of this product since the manner and conditions of application are beyond our control. For complete warranty information, call IVC US at 1-888-225-8287. You may also visit us on the web at www.ivcgroup.us or email us at info@ivcgroup.com.

IVC FLEX-TECH

MATERIAL SAFETY DATA SHEET

SECTION I IDENTIFICATION

Manufactured For: IVC US, Inc.
Address/Phone: 101 IVC Drive
Dalton, GA 30721
P: 888.225.8287

Manufactured By: W.F. Taylor Co., Inc.
Address/Phone: 11545 Pacific Ave.
Fontana, CA 92337
951.360.6677

Emergency Phone No.: 800.535.5053
Manufacturer's Code Identification: 2037-4-IVC
Product Class: Acrylic latex/resin blend
Trade Name: IVC Flex-Tech Pressure Sensitive Adhesive
Date Revised: 10/25/11

SECTION II HAZARDOUS INGREDIENTS

None per OSHA Regulation: 29 CFR 1910.1200
SARA Title III Section 313 Chemicals: None

NFPA	HMIS
	H = 1
	F = 0
	R = 0

SECTION III PHYSICAL DATA

Boiling Point: 212°F
Evaporation Rate/Vapor Density: Same as water
Vapor Pressure: Same as water
LBS/GAL: 8.4 - 8.6
Percent Volatile: 48 - 50 (by weight)
Odor: Nil
Color: Off White

SECTION IV FIRE AND EXPLOSION HAZARD DATA

DOT Category: Not regulated
Flash Point: None
LEL: N/A
Extinguishing Media: Water spray, CO₂, foam, dry chemical.
Unusual Fire and Explosion Hazards: None known
Special Fire Fighting Procedures: Use self contained-breathing apparatus and turn out gear.

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SECTION V HEALTH HAZARD DATA

Inhalation: May cause slight irritation to the upper respiratory tract.
Eyes: Vapor may cause mild irritation.
Skin: May cause slight irritation.
Ingestion: Not a likely route of entry under proper handling conditions. May cause vomiting. Symptoms may be same as inhalation.

First Aid Procedures:

Eyes: Flush with water
Skin: Wash with soap and water
Inhalation: Remove to fresh air if needed
Ingestion: If swallowed, call physician.

SECTION VI REACTIVITY DATA

Stability: Stable
Conditions to avoid: Avoid extreme temperatures
Incompatibility/Materials to avoid: Oxidizing materials
Hazardous decomposition products: Oxides of carbon, water and organic compounds of unknown structure
Hazardous polymerization: Will not occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps to Be Taken if Material is Spilled: Keep out of sewer systems to prevent blockage due to polymer deposits. Use absorbent materials to collect and/or scrape up excess and place into closed DOT approved containers for disposal.
Waste Disposal: Abide by all Federal, State, and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust. Do not use closed air-circulating system. Open windows and doors if necessary.
Respiratory protection: NIOSH respirator if needed
Protective gloves: Chemical resistant gloves, apron, coveralls, and boots as necessary to prevent contact
Eyes: Chemical goggles or face shield.
Other protective equipment: None.

SECTION IX SPECIAL PRECAUTIONS

Precaution for Handling and Storing: Do not puncture. Do not take internally. If swallowed, do not induce vomiting, call Physician immediately. **KEEP OUT OF REACH OF CHILDREN**