

Material Safety Data Sheet

Identification

Trade Name: Tandus Flooring C-16E
Product Class: Aqueous Adhesive
Product Name: Powerbond Cushion, Powerbond Medfloor & Powerbond ER3 Cushion Adhesive

Hazard Identification

Hazardous Ingredients: None
HMIS (0=minimal hazard; 4=severe hazard)
Health = 1 Flammability = 0 Reactivity = 0 PPE = B

Composition/Information on Ingredients

Description: Water-based Adhesive

First-Aid Measures

Eye contact may cause irritation. In case of eye contact, flush with water for 10-15 minutes. If irritation persists, consult a physician. Skin Contact: prolonged contact may cause slight irritation of the skin. Wash with soap and water. If swallowed, consult a physician. Inhalation: if symptomatic, move to fresh air. Get medical attention if symptoms occur.

Fire-fighting Measures

Flammable Limits: Non-flammable
Flash Point: >212° F.
Flammability Classification: OSHA: None. DOT: None.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other gases that are common to thermal degradation of organic compounds.
Extinguishing Media: Water, CO₂, Dry Chemical, Foam.
Wear self-contained breathing gear when in confined area. Containers may burst in heat of fire. Material may splatter if temperature exceed 212°F. Use water to cool fire-exposed containers. Dry material can burn.

Accidental Release Measures

Spills: Cover small spills with inert absorbent, then sweep up and place in waste disposal container. Residual product while still wet, can be cleaned up with warm soapy water. Do not flush unused contents or residue down drains. Contain spill, preventing it from entering sewer lines or waterways.

Handling and Storage

Store inside at a temperature of 65°- 90° F. Do not allow product to freeze. Shelf life is one year.

Exposure Controls/Personal Protection

Ventilation: Local ventilation.
Protective Gloves: Recommended.
Eye Protection: Safety glasses.
Hygienic Practices: Wash with soap and water after exposure.
Respiratory Protection: Not required with adequate ventilation.
Other Protective Equipment: None.
Work Site Environment: Initially there may be a potential adverse impact in indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate persons that (1) it will be necessary to establish and maintain adequate ventilation of the work area without causing the entry of contaminants to other parts of the building and (2) persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

Center Line QZAB Upgrades 096816 Sheet Carpeting
C&A C-16E Dry Back Adhesive
Material Safety Data Sheet
FLOORCRAFT FLOOR COVERING, INC



Tandus Flooring C-16E
Powerbond® Cushion, Powerbond® Medfloor & Powerbond® ER3 Cushion Adhesive

Tandus Flooring
1000 Vista Drive
Dalton, GA 30721
Information Telephone: 800-241-4902
24 hour Emergency - Chemtrec: 800-424-9300
International Emergency: Call (USA) 202-483-7616

Physical and Chemical Properties

Boiling Point: 212°F
Vapor Density: Same as water.
Evaporation Rate: Same as water.
Appearance and Odor: White creamy liquid; low odor.
pH: 8.5 - 9.0
Weight per Gallon: 8.9 lbs.
Percent Volatile by Weight: <0.1%
Solubility in Water: Dispersible
V.O.C. Content: <1 grams/liter; Meets SCAQMD Rule 1168.

Stability and Reactivity

Conditions to avoid: Excessive heat or cold.
Stability: Stable.
Incompatibility: None known.
Hazardous Polymerization: Will not occur.

Toxicological Information

Not available

Ecological Information

Not available

Disposal Considerations

Dispose of in accordance with Federal, State and Local regulations.

Transport Information

D.O.T Hazard Class: Unregulated

Regulatory Information

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are in compliance with the inventory listing requirements of the U.S. TSCA Inventory. This product does not contain asbestos.

Other Information

Tandus Flooring believes the data set forth herein are accurate as of the date hereof. Tandus Flooring makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

Material Safety Data Sheet

Identification

Trade Name: Tandus Flooring #54
Product Class: Solvent Based Adhesive
Product Name: Seam Weld for Powerbond Cushion, Medfloor & ER3 Cushion

Composition/Information on Ingredients

Description:



Tandus Flooring #54
Seam Weld

Tandus Flooring
1000 Vista Drive
Dalton, GA 30721

Information Telephone: 800-241-4902
24 hour Emergency: Chemtrec 800-424-9300
International Emergency: Call (USA) 202-483-7616

Hazard Identification

Hazardous Ingredients:	% By Weight	Occup. Expos. Limit*:	Vap. Press.:
		PEL: TLV: STEL:	
Methyl Ethyl Ketone, CAS # 78-93-3	30-40%	200 ppm 200 ppm 300 ppm	83 mm Hg @ 75° F
Tetrahydrofuran, CAS # 109-99-9	25-30%	200 ppm 200 ppm 250 ppm	129 mm Hg @ 68° F
Cyclohexanone, CAS # 108-94-1	5-10%	25 ppm skin 25 ppm skin —	5 mm Hg @ 79° F

Fire-fighting Measures

Lower Explosive Limit: 2.0% Upper Explosive Limit: 13% Flash Point (Method): -4° F (TCC). Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other gases that are common to thermal degradation of organic compounds. Extinguishing Media: Alcohol foam, dry chemical, CO2. Unusual Fire and Explosion Hazards: Highly flammable vapors, heavier than air may accumulate in low areas or spread along ground to a distant source of ignition. Closed containers exposed to extreme heat may rupture due to pressure buildup. Special Firefighting Procedures: Use SCB and other protection as required.

Accidental Release Measures

Spills: Remove or extinguish all sources of ignition in the area, including equipment, which may spark. Ventilate confined spaces. Open all windows and doors. Wear protective equipment as exposure conditions warrant. Scoop material into DOT approved container. Remove to a safe place to dry.

Handling and Storage

Store inside at a temperature of 65°- 90° F. Do not allow product to freeze. Shelf life is one year.

Exposure Controls/Personal Protection

Ventilation: Extremely flammable vapors may ignite explosively or cause flash fire. Adequate ventilation is essential to prevent exceeding occupational exposure limits or buildup of explosive concentration of vapors. Open all windows and doors and utilize other fire-safe means to assure fresh air entry and exhaust during use and until vapors are gone.
Protective Gloves: Nitrile rubber gloves to avoid prolonged or repeated skin contact.
Eye Protection: Goggles to prevent eye contact.
Hygienic Practices: Avoid breathing vapor. Avoid prolonged or repeated contact with the skin. Remove contaminated clothing and shoes and thoroughly clean before reuse. Wash skin thoroughly with waterless hand cleaner followed by washing thoroughly with soap and water.
Respiratory Protection: Wear NIOSH approved respiratory protection when the stated exposure limits may be exceeded.
Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Wear impervious clothing as needed.
Work Site Environment: Initially there may be a potential adverse impact in indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate persons that (1) it will be necessary to establish and maintain adequate ventilation of the work area without causing the entry of contaminants to other parts of the building and (2) persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.

First-Aid Measures

Eye contact may cause irritation. In case of eye contact, flush with water for 10-15 minutes. If irritation persists, consult a physician. Skin Contact prolonged contact may cause slight irritation of the skin. Wash with soap and water. If swallowed, consult a physician. Inhalation: if symptomatic, move to fresh air. Get medical attention if symptoms occur.

Boiling Point: 133°F
Vapor Density: (air=1): 2.5.
Evaporation Rate: Slower than ether.
Appearance and Odor: Clear, colorless liquid; Strong ketone.
Weight per Gallon: 7.8 lbs.
Percent Volatile by Weight: Approx. 72%
Solubility in Water: Appreciable
V.O.C. Content: 686 grams/liter calculated @ 70°F/21°C

Stability and Reactivity

Conditions to avoid: Open flame, sparks, heat.
Stability: Stable.
Incompatibility: Strong acids, bases, oxidizers, aldehydes, and halogens. Do not use with aluminum containers or equipment above 120°F.
Hazardous Polymerization: Will not occur.

Toxicological Information

Not available

Ecological Information

Not available

Disposal Considerations

Dispose of in accordance with Federal, State and Local regulations.

Transport Information

D.O.T. Shipping Name: Adhesives
D.O.T Hazard Class: 3, II
D.O.T Identification No.: UN 1133, II
Label Required: Flammable Liquid
For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident
Call Chemtrec - Day or Night 1-800-424-9300

Regulatory Information

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Other Information

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Center Line QZAB Upgrades 096816 Sheet Carpeting
C&A C-54 Seam Sealer
Material Safety Data Sheet
FLOORCRAFT FLOOR COVERING, INC