

FT910 Trowel Down Part A

FT910 is a three-component, 100% solids, hand trowel able, epoxy/modified polyamine concrete floor resurfacer.

I. IDENTIFICATION

Manufacturer Phone: 612.332.7371
Trade Name: FT910 Trowel Down
Product Type: Coatings product
DOT Shipping Name:
Emergency Phone:

II. HAZARDOUS INGREDIENTS

There are no SARA 313 chemicals in this product. (1) = p.p.m. skin. All components of this product are in compliance with US TSCA Chemical

INGREDIENTS:	CAS #	TLV TWA	TLV STEL	OSHA PEL	CEILING	RECOMMEND	WEIGHT
PROPRIETARY ADDITIVE	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established	
PROPRIETARY ADDITIVE	Trade Secret	1 p.p.m. (01)	Not Established	1 p.p.m. (1)	Not Established	Not Established	
PROPRIETARY RESIN	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established	
FURFURYL ALCOHOL (2-FURANMETHANOL)	98-00-0	10.00 (01)	15.00 (01)	10.00 (01)	Not Established	Not Established	15-20%
PINE OIL	8002-09-3	Not Established	Not Established	Not Established	Not Established	Not Established	1-5%

Substance Inventory Requirements.

III. PHYSICAL DATA

Boiling Point: 338°F
Vapor Density: 4.8
Vapor Pressure: mm hg @ 77°F
Specific Gravity: 1.03
Solubility in Water: No
Evaporation Rate: 1.0
% Volatile by Volume: 41.41%
pH Solution: NA
Coefficient of Water: NA
Appearance:

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point TCC/PM: 170°F
Lower Explosive Limit: 1.00
Upper Explosive Limit: 16.00
Auto Ignition: NA
Sensitivity to Impact: None
Sensitivity to Static Discharge: NA
Extinguishing Media: In case of fire, use water spray (fog), alcohol foam, dry chemical, or carbon dioxide.
Special Firefighting Procedures: Fire fighters must wear self contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Closed containers may explode due to build up of pressure when exposed to heat.

V. HEALTH AND SAFETY

Threshold Limit Value: Not required for mixture.
Effects of Overexposure:
Eyes: Irritation, burns, and/or corneal damage.

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Skin: May be harmful if absorbed through the skin. May cause irritation, burns, and/or allergic skin reaction.
Inhalation: Harmful if inhaled. May affect the brain, nervous system or respiratory system, causing dizziness, headache, nausea or respiratory irritation. May cause nose and throat irritation. Difficulty in breathing, respiratory sensitization.
Ingestion: May cause burns in the mouth, throat, esophagus and stomach, nausea and vomiting, possibly leading to convulsions.

Chronic Effects:

Eye: Damage and pain.

Skin: Blistering or discoloration of skin and pain, with possible sensitization.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains ingredients which may cause liver damage and/or kidney damage.

Medical Conditions Generally Aggravated by Exposure: Any respiratory or skin condition.

Emergency and First Aid Procedures:

Eyes: Flush immediately with plenty of water for at least fifteen minutes and get medical attention.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, contact medical personnel immediately to determine best course of action.

Possible Route(s) of Entry: Inhalation, ingestion, skin absorption.

VI. REACTIVITY DATA

Conditions to Avoid: None.

Hazardous Decomposition

Products: Nitrogen oxides, carbon dioxide and carbon monoxide.

Hazardous Polymerization: None.

Incompatibility: Strong oxidizers and acids.

Stability: Stable.

VII. SPILL OR LEAK PROCEDURES

Ventilate area. Avoid breathing of vapors. Use self contained breathing apparatus or air mask for large spills in a confined area. Eliminate ignition sources. Remove with inert absorbent and non-sparking tools. Avoid contact with eyes.

Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, State, and Federal regulations. Do not incinerate containers.

VIII. SAFE HANDLING AND USE INFORMATION

Respiratory Protection: Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required, the appropriate, properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

Ventilation: Required when spraying or applying in confined area.

Protective Clothing: Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eyes. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing to keep exposure to a minimum. Cover arms and legs. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Keep away from heat, sparks and open flames. Keep container closed when not in use. Do not store above 120°F. Based on the product flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been cleaned or reconditioned.

SAFETY STATEMENT

The information presented is believed to be accurate, but is not warranted to be whether originating from manufacturer or not. Recipients are advised to confirm in advance, that the information is current, applicable, and relative to their individual circumstance.

FT910 Trowel Down Part B

Material Safety Data Sheet

FT910 is a three-component, 100% solids, hand trowel able, epoxy/modified polyamine concrete floor resurfacer.

I. IDENTIFICATION

Manufacturer Phone: 612.332.7371
Trade Name: FT910 Trowel Down
Product Type: Coatings product
DOT Shipping Name:
Emergency Phone:

II. HAZARDOUS INGREDIENTS

INGREDIENTS:	CAS #	TLV TWA	TLV STEL	OSHA PEL	CEILING	RECOMMEND
PROPRIETARY RESIN	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established
PROPRIETARY RESIN	Trade Secret	Not Established	Not Established	Not Established	Not Established	Not Established

III. PHYSICAL DATA

Boiling Point: NA
Vapor Density: NA
Vapor Pressure: NA
Specific Gravity: 1.10
Solubility in Water: No
Evaporation Rate: NA
% Volatile by Volume: 0.0
pH of 1% Solution: NA
Coefficient of Water: NA
Appearance:

IV. FIRE AND EXPLOSION

Flash Point TCC/PM: 201 °F
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Auto Ignition: NA
Sensitivity to Impact: None
Sensitivity to Static Discharge: NA
Extinguishing Media: In case of fire, use water spray (fog), alcohol foam, dry chemical, or carbon dioxide. Water spray may be used to cool containers and keep exposed material from being damaged by fire.
Special Firefighting Procedures: Fire fighters must wear self contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Closed containers may explode due to build up of pressure when exposed to heat.

V. HEALTH AND SAFETY

Threshold Limit Value: Not required for mixture.
Effects of Overexposure:
Eyes: Irritation.
Skin: Irritation, allergic reactions, dermatitis and/or sensitization.
Inhalation: May cause nose and throat irritation, and/or respiratory sensitization.
Ingestion: Fatal if swallowed.
Chronic: None known
Emergency and First Aid Procedures:
Eyes: Flush immediately with plenty of water for at least fifteen minutes and get medical attention.
Skin: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Des troy contaminated shoes.
Inhalation: If inhaled, remove to fresh air. If not breathing, give oxygen. Get medical attention immediately.
Ingestion: If swallowed, INDUCE VOMITING immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.
Medical Conditions Generally Aggravated by Exposure: None known.
Possible Route(s) of Entry: Inhalation, ingestion and skin absorption.

VI. REACTIVITY DATA

Conditions to Avoid: None
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.
Hazardous Polymerization: None
Incompatibility: NA
Stability: Stable

VII. SPILL OR LEAK PROCEDURES

Ventilate area. Avoid breathing of vapors. Use self contained breathing apparatus or air mask for large spills in a confined area. Eliminate ignition

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sources. Remove with inert absorbent and non-sparking tools. Avoid contact with eyes.

Waste Disposal Methods: Dispose in chemical disposal area or in a manner that complies with local, State and Federal regulations. Do not incinerate closed containers.

VIII. SAFE HANDLING AND USE INFORMATION

Respiratory Protection: Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturers directions for respirator use.

Ventilation: Required when spraying or applying in confined area.

Protective Clothing: Avoid contact with eyes. Wear chemical goggles if there is the possibility of contact or splashing in the eyes. Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing to keep exposure to a minimum. Cover arms and legs. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Keep away from heat, sparks and open flames. Keep container closed when not in use. Do not store above 120°F. Based on the product flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been cleaned or reconditioned.

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FT910 is a three-component, 100% solids, hand trowel able, epoxy/modified polyamine concrete floor resurfacer.

I. IDENTIFICATION

Manufacturer Phone: 612.332.7371
Trade Name: FT910 Trowel Down
Product Type: Sand (aggregate, filler)
DOT Shipping Name:
Emergency Phone:

II. HAZARDOUS INGREDIENTS

There are no SARA 313 chemicals in this product. (1) = This material is a carcinogen per NTP, IARC. All components of this product are in

INGREDIENTS:	CAS #	TLV TWA	TLV STEL	OSHA PEL	CEILING	RECOMMEND	WEIGHT
CRYSTALLINE SILICA (1)	14808-60-7	0.10 mg/cu m	Not Established	0.10 mg/cu m	Not Established	Not Established	95-100%
QUARTZ							

compliance with US TSCA chemical substance inventory requirements.

III. PHYSICAL DATA

Boiling Point: NA
Vapor Density: NA
Vapor Pressure: NA
Specific Gravity: 2.65
Solubility in Water: No
Evaporation Rate: NA
% Volatile by Volume: 0.00
pH of 1% Solution: NA
Coefficient of Water: NA
Appearance and Odor: Fine powder with no odor.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point TCC/PM: 250 °F
Lower Explosive Limit: NA
Upper Explosive Limit: NA
Auto Ignition: NA
Sensitivity to Impact: None
Sensitivity to Static Discharge: NA
Extinguishing Media: Carbon dioxide, dry chemical, foam and/or water fog.
Special Firefighting Procedures: Fire fighters must wear self contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None known.

V. HEALTH AND SAFETY

Threshold Limit Value: Not required for mixture.
Effects of Overexposure: None known.
Chronic Effects of Overexposure: Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.
Emergency First Aid Procedures: None
Possible Route(s) of Entry: Inhalation, ingestion and skin absorption.

VI. REACTIVITY DATA

Conditions to Avoid: None
Hazardous Decomposition Products: Silicon dioxide.
Hazardous Polymerization: None
Incompatibility: NA
Stability: Stable.

VII. SPILL OR LEAK PROCEDURES

Wipe up or absorb with suitable material and shovel up. Avoid contact with eyes.
Waste Disposal Method: Dispose in chemical disposal area or in a manner that complies with local, State and Federal regulations. Do not incinerate closed containers.

VIII. SAFE HANDLING AND USE INFORMATION

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- Respiratory Protection:** Unless air monitoring demonstrates vapor/mist levels above applicable limits, no respirator is required. If respirator is required, the appropriate, properly fitted respirator (NIOSH/MSHA approved) should be worn during application. Follow respirator manufacturers directions for respirator use.
- Ventilation:** Required for spraying or in a confined area, ventilation equipment should be explosion proof.
- Protective Clothing:** Usual hand protection for paint application. For a spray application, use chemical goggles as a minimum. Other wise, use safety glasses with side shields as a minimum. Usual clothing for painting operations.

IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Keep away from heat, sparks and open flames. Keep container closed when not in use. Do not store above 120°F. Based on the product flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been cleaned or reconditioned.

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