



# Micro-Tek™ Micro-Topping

## MATERIAL SAFETY DATA SHEET

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Effective: April 2011

### SECTION 1 - PRODUCT IDENTIFICATION

**Common Name:** Micro-Tek™ Micro-topping  
(As appears on label)

**Chemical Family:**

**Manufacturer/Supplier:** Concrete Coatings, Inc  
PO Box 150071  
Ogden, UT 84415  
1-800-443-2871

Hazard Rating		Scale
Toxicity	1	4 = Extreme
Flammability	0	3 = High
Reactivity	0	2 = Moderate
PPE	E	1 = Slight
		0 = Insignificant

**Emergency:** Chemtrec 1-800-424-9300

### SECTION 2 – HAZARDOUS INGREDIENTS

Hazardous Components Chemical & Common Names	CAS No.	Percent By Weight*	OSHA PEL	ACGIH TLV
Portland Cement	65897-15-1	<35	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Crystalline Silica	14808-80-7	<65	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>

### SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A  
**Melting Point:** N/A  
**Specific Gravity (Water = 1):** 3 - 3.2  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (Air = 1):** N/A  
**Solubility in Water:** Insoluble  
**Evaporation Rate**  
**(Butyl Acetate=1)** N/A  
**Appearance & Odor** White, gray, or colored sanded powder; no odor.

### SECTION 4 – FIRE AND EXPLOSION DATA

**Flash Point:** Non-Flammable  
**Flammable Limits:** **Lower Explosive Limit:** N/A  
**Upper Explosive Limit:** N/A  
**Extinguishing Media:** N/A  
**Unusual Fire/Explosion**  
**Hazards:** Excessive dust clouds can present deflagration (rapid burn) hazard  
**Special Fire Fighting**  
**Procedures:** Water causes product to set hard

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## SECTION 5 – REACTIVITY DATA

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Stability:	Stable
Conditions to avoid:	Excessive dusting
Incompatible with:	Strong acids may cause violent exothermic reaction.
Hazardous decomposition products:	N/A
Hazardous polymerization:	Will not occur.

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## SECTION 6 HEALTH HAZARD DATA

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Carcinogenicity:	NO
IARC:	NO
OSHA Regulated?:	NO
Threshold Limit Value (TLV):	Respirable dust – TLV 10 mg/m <sup>3</sup>
Effects of Overexposure:	Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases such as silicosis and pneumoconiosis. Can cause dermatitis and alkali burns. Abrasive.

### Emergency and First Aid Procedures

Eyes:	Flush eyes with water. Consult physician if irritation persists.
Skin:	Wash with mild soap and water. If rash develops, call physician.
Inhalation:	Move victim to fresh air. Provide fresh air to work area. If irritation continues, contact physician
Ingestion:	No known hazards. Contact physician if reactions develop

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## SECTION 7 – SPILL OR LEAK PROCEDURES

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If Material Spills or Leaks:	Use personal protective equipment to prevent dust exposures and prevent alkali burns or irritation
Waste Disposal:	Dispose of in accordance with local, state and federal regulations.

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## SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

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Respiratory Protection	NIOSH/MSHA approved for silica and nuisance dusts.
Ventilation:	When local exhaust ventilation is inadequate, mechanical ventilation may need to be provided to maintain levels below TLV/PEL
Protective Equipment:	Rubber or latex gloves; safety glasses with side shields or goggles
Other Equipment and Practices:	Clean clothing. Rubber boots, arm sleeves and aprons when necessary to prevent skin contact. Wash hands before eating or smoking.
Storage:	Store in a cool dry place away from water sources and possible contact with strong



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**Other Precautions:** acids. Keep from freezing to preserve product potential.  
Take necessary steps to avoid nuisance dusts

## SECTION 9 – SHIPPING INFORMATION

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**DOT Shipping Name:** Bagged Portland cement  
**DOT Hazard Class:** N/A  
**DOT Reportable Quantity:** N/A

**USERS RESPONSIBILITY & DISCLAIMER OF LIABILITY:** A bulletin such as this cannot be expected to cover all possible situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where precautions – in addition to those described herein are required. Although the information contained herein is based on data considered to be accurate, all materials present unknown health hazards, and should be used with caution and by properly trained personnel. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Any health hazard and safety information should be passed onto your customers or employees, as the case may be. Final suitability of the chemical for each circumstance is the sole responsibility of the end user. No representation or warranties either expressed or implied, of merchantability, fitness for a particular purpose, or any other nature are made hereunder with respect to the information contained herein, or the chemical to which the information refers. It is the sole responsibility of the end user to comply with all applicable federal, state and local laws and regulations. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed.

Concrete Coatings Incorporated warrants its products to be of good quality and will replace any product proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Exact color cannot nor will not be guaranteed due to multiple factors including application methods, concrete content, weather, etc. Therefore, except for such replacement, CONCRETE COATINGS INCORPORATED MAKES NO WARRANTY OR GUARANTEE EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, AND CONCRETE COATINGS INCORPORATED SHALL HAVE NO OTHER LIABILITY WITH RESPECT THERETO, INCLUDING WITHOUT LIMITATION, LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. USER ASSUMES ALL RISK AND LIABILITY REGARDING USE AND/OR STORAGE OF THIS PRODUCT. Any claim regarding product defect must be received in writing within ninety (90) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assumes all risk and liability in connection therewith.

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## ===== SECTION 1 - IDENTIFICATION =====

PRODUCT NAME: ELASTO-SHIELD  
PRODUCT CODE: SC-15102010  
RECOMMENDED USE: PAINT OR PAINT RELATED MATERIAL

MANUFACTURER: SURECRETE DESIGN PRODUCTS  
ADDRESS : 15486 US HWY 301  
DADE CITY, FL 33523 USA  
TELEPHONE: 352-567-7973 E-mail: safety@fenixspc.com  
24 HOUR EMERGENCY PHONE: CHEMTREC 1-800-424-9300

## ===== SECTION 2 - HAZARDS IDENTIFICATION =====

### HAZARD RISK CLASSIFICATION

SIGNAL WORD: WARNING

### PICTOGRAM:

GHS07 - EXCLAMATION MARK GHS08 - HEALTH HAZARD

### HAZARD CLASS

### HAZARD CATEGORY

ACUTE TOXICITY	CATEGORY 4	ORAL
TOXIC TO REPRODUCTION	CATEGORY 2	
TOXIC TO SPECIFIC TARGET ORGAN	CATEGORY 2	
TOXICITY - REPEATED EXPOSURE		

### HAZARD STATEMENTS:

H302	Harmful if swallowed
H316	Causes mild skin irritation
H318	Causes serious eye damage
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

#### PREVENTION:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breath dusts/fume/gas/mist/vapors or spray.
P264	Wash hands and any exposed area thoroughly after handling.
P270	Do not eat, drink or smoke while using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P281	Use appropriate personal protective impervious gloves/protective clothing/ OSHA approved eye protection/ face protection.

#### RESPONSE:

P301+P312	If swallowed: Call a Poison Center / doctor if you feel unwell.
P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice / attention.
P310	Immediately call a POISON CENTER/doctor/ emergency responder.

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P330 Rinse mouth.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.

**STORAGE:**

P405 Store locked up.

**DISPOSAL:**

P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

**OTHER HAZARDS: NONE KNOWN****HMIS RATING:**

H	F	R	PPE
1	0	0	B

## ===== SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS =====

COMPONENT	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	OTHER
Calcium Carbonate	1317-65-3	25-35			
			15 MG/M3	10 MG/M3	NUISANCE DUST
Ethylene Glycol	107-21-1				
			50 PPM	39.4 PPM (AEROSOL)	

\* Chemical(s) that are chronic health hazards. Refer to section 3 for further information.

+ Toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

^ Hazardous Air Pollutant established by the EPA as directed by the Clean Air Act of 1990.

## ===== SECTION 4 - FIRST AID MEASURES =====

**PRIMARY ROUTES OF EXPOSURE:**

Skin contact.

**DESCRIPTION OF FIRST AID MEASURES:**

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**

EYES: Direct contact with eyes may cause irritation.

SKIN: Prolonged or repeated contact may cause irritation.

INHALATION: Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

**CHRONIC HEALTH EFFECTS:**

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to the relatively low proportion in the total mixture.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

No known effects on other illnesses.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**

Treat symptomatically.

## ===== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA =====

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## SUITABLE EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

## SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

In the event of fire, harmful vapors including carbone monoxide, carbond dioxide, and others may be released. There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

## SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

## ===== SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Evacuate area and keep unnecessary and

unprotected personell from entering the spill area. Use proper personal protective equipment listed in section 8.

**ENVIRONMENTAL PRECAUTIONS:** Keep runoff from storm sewars, ditches, streams, lakes and other ground waters and waterways.

## METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Contain all spills. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Collect into suitable contaners and dispose of properly in accordance with all applicable regulations. (See Section 13) Rinse affected area thoroughly with water.

## ===== SECTION 7 - HANDLING AND STORAGE =====

### PRECAUTIONS FOR SAFE HANDLING:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communicatin Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

### PRECAUTIONS FOR SAFE STORAGE:

Keep from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatable materials (see section 10). Keep containers tightly closed. It is advised that material be used within 1 year of manufacture, rotate stock.

### OTHER PRECAUTIONS:

All empty containers should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

## ===== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

**CONTROL PARAMETERS:** SEE SECTION 3 FOR OCCUPATIONAL EXPOSURE LIMIT VALUES

**ENGINEERING CONTROLS:** General room ventilation is adequate.

### PERSONAL PROTECTIVE EQUIPMENT:

#### RESPIRATORY PROTECTION:

No special requirements under normal use conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

#### PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

#### EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

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## WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

## ===== SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

APPEARANCE/PHYSICAL STATE: Liquid	COLOR: Various colors
ODOR: Amine or ammonia odor	pH: Not Determined
ODOR THRESHOLD: Not measured	SOLUBILITY IN WATER: Dilutable
MELTING/FREEZING POINT: Not Determined	BOILING POINT/RANGE: 379 F
SPECIFIC GRAVITY (H2O=1): 1.22	VAPOR DENSITY: Greater Than Air
EVAPORATION RATE: Not Determined	FLAMMABILITY: Not determined
FLASH POINT: No flashTCC	VAPOR PRESSURE: Not Determined
UPPER EXPLOSION LIMIT: n/a	AUTO-IGNITION TEMPERATURE: Not Determined
LOWER EXPLOSION LIMIT: n/a	PARTITION COEFFICIENT: Not Available
DECOMPOSITION TEMPERATURE: Not Available	VISCOSITY: Not Determined
COATING V.O.C.: 2 g/l (0.02 lb/gl )	

## ===== SECTION 10 - STABILITY AND REACTIVITY DATA =====

REACTIVITY: Will not occur.

### CHEMICAL STABILITY:

Stable under normal conditions and handling.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No hazardous reactions if stored and handled as prescribed/indicated.

### CONDITIONS TO AVOID:

None known

### INCOMPATIBLE MATERIALS:

None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

### HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

## ===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

### SENSITIZATION:

None known.

### CARCINOGENICITY:

There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

### REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

### TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

### MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

## ===== SECTION 12 - ECOLOGICAL INFORMATION =====

### ECOTOXICITY:

No data available.

### PERSISTENCE AND DEGRADABILITY:

Not readily degradable.

### BIOACCUMULATIVE POTENTIAL:

No data available.

### MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS: No known effects or critical hazards. No data available.

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## ===== SECTION 13 - DISPOSAL CONSIDERATIONS =====

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

## ===== SECTION 14 - TRANSPORT INFORMATION =====

PROPER SHIPPING NAME: (UN #, SHIPPING NAME, HAZARD CLASS, PACKING GROUP)

Not regulated.

## =====SECTION 15 - REGULATORY INFORMATION =====

### US TOXIC SUBSTANCE CONTROL ACT (TSCA):

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE: None

SARA 311/312 HAZARDOUS CHEMICAL: See Section 3

### SARA 313 (TRI REPORTING):

This product does contain a chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372). See section 3.

STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE
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### CALIFORNIA PROPOSITION 65

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Ethylene Glycol	CAS #107-21-1	Developmental
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## =====SECTION 16 - OTHER INFORMATION =====

### REVISION DATE: 12/13/18

This version replaces all previous versions. The information contained in this SDS and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Although certain hazards are described herein, The Sierra Company, LLC, cannot guarantee that these are the only hazards that exist. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall The Sierra Company, LLC, assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. The Sierra Company, LLC, expressly disclaims any representations and warranties of any kind, whether express or implied, as to the accuracy, completeness, non-infringement, merchantability and/or fitness for a particular purpose with respect to any information and recommendations provided. The Sierra Company, LLC, reserves the right to make any changes to the information and/or recommendations at any time, without prior subsequent notice.