



*Engineered Concrete Performance*

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## Safety Data Sheet

# Micro-Cem<sup>®</sup> Polymer

**THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)**

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### Section 1 Identification

PRODUCT IDENTITY: Micro-Cem<sup>®</sup> Polymer  
PRODUCT USES: Concrete Admixture

COMPANY IDENTITY: Butterfield Color  
COMPANY ADDRESS: 625 W Illinois Ave.  
COMPANY CITY: Aurora, IL 60506  
COMPANY PHONE: 1-630-906-1980  
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)  
CANUTEC: 1-613-996-6666 (CANADA)

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### Section 2, Hazard(s) identification

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), the SDS contains valuable information critical to the safe handling and proper use of the product. The SDS should be retained and available for employees and other users of this product.

#### 2.1 HAZARD STATEMENTS: (CAT = Hazard Category)

**H100s = General, H200s = Physical, H300s = Health, H400s = Environmental**

No Known significant effects or critical hazards.

#### 2.2 PRECAUTIONARY STATEMENTS:

**P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal**

P202 Do not handle until all safety precautions have been read and understood  
P261 Avoid breathing, dusts, fumes, mists, vapors, spray.  
P264 Wash thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352 If on skin wash with plenty of water  
P305+351  
+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Lenses if present & easy to do - Continue rinsing.  
P304+340 IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.  
P309+312 If exposed or you feel unwell: Call a POISON CENTER or doctor/physician.  
P330 Rinse mouth if oral exposure occurs.  
P332+313 If skin irritation occurs, get medical advice.  
P403+P233 Store in a well ventilated place. Keep containers tightly closed.  
P501 Dispose of contents/container in accordance with local/ regional/ national and international regulations.

**SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.**

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### Section 3, Composition / Information on Ingredients

MATERIAL	CAS#	EINECS#	WT %
Latex Polymer	mixture		10-35
Silicon dioxide	7631-86-9	231-545-4	1-5

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration. None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. Trade Secret Component is non-hazardous. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

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### Section 4, First Aid Measures

4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED:  
See Section 11 for symptoms/effects, acute & delayed.

4.2 GENERAL ADVICE:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

4.3 EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing's for 15 minutes. Seek immediate medical attention.

4.4 SKIN CONTACT:

If the product contaminates the skin, wash with soapy water.

4.5 INHALATION:

After high vapor exposure, remove to fresh air.

4.6 SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

4.7 NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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### Section 5, Fire Fighting Measures

5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:

The material is non-flammable and will not support combustion.

5.2 SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:

NA.

5.3 SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:

NA.

5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:

NA

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### Section 6, Accidental Release Measures

6.1 SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Isolate and contain spill. Place waste in a disposal container and dispose of in accordance with local and state RCRA rules and regulation.

6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES:

NA.

6.3 ENVIRONMENTAL PRECAUTIONS:  
NA.

6.4 METHODS AND MATERIAL FOR CONTAINMENT & CLEAN-UP:  
Pick up material and reuse as needed.

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### Section 7, Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:  
Standard work gloves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:  
Store in a cool, dry location.

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### Section 8, Exposure Controls / Personal Protective Equipment

#### 8.1 EXPOSURE LIMITS: MATERIAL

None Listed, Product is non Hazardous

#### 8.2 APPROPRIATE ENGINEERING CONTROLS:

##### RESPIRATORY EXPOSURE CONTROLS

Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS  
NA.

##### VENTILATION

LOCAL EXHAUST: If Necessary      MECHANICAL (GENERAL): If Necessary  
SPECIAL: None      OTHER: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

#### 8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

##### EYE PROTECTION:

Splash goggles or safety glasses.

##### HAND PROTECTION:

Use standard cloth work gloves.

##### BODY PROTECTION:

Use body protection appropriate for task. Coveralls, are generally acceptable, depending on the task.

##### WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated.

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### Section 9, Physical & Chemical Properties

APPEARANCE:	Milky white liquid
ODOR:	Mild Odor
ODOR THRESHOLD:	Not Available
pH (Neutrality):	>4 - <10
MELTING POINT/FREEZING POINT:	Not Available

BOILING RANGE (IBP,50%,Dry Point):	Not Applicable
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Not Applicable
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	Not Applicable
VAPOR DENSITY (air=1):	Not Applicable
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	Not Available
SPECIFIC GRAVITY (Water=1):	1.
POUNDS/GALLON:	Not Available
WATER SOLUBILITY:	Insoluble
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
DENSITY:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs./Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	Not Available
Regulatory VOC'S *:	Not Available
HAZARDOUS AIR POLLUTANTS (HAPS):	0
NONEXEMPT VOC PRESSURE (mm of Hg @ 20 C)	Not Available
VISCOSITY @ 20 C (ASTM D445):	Not Available

\* Using CARB (California Air Resources Board Rules).

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## Section 10, Stability & Reactivity

### 10.1 REACTIVITY & CHEMICAL STABILITY:

Stable under normal conditions.

### 10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:

NL.

### 10.3 INCOMPATIBLE MATERIALS:

Strong Oxidizing Agents, strong acids.

### 10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

NL.

### 10.5 HAZARDOUS POLYMERIZATION:

Will not occur.

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## Section 11, Toxicological Information

### 11.1 ACUTE HAZARDS

#### 11.11 EYE & SKIN CONTACT:

May cause irritation to skin, and eyes.

Primary irritation to eyes, redness, tearing, blurred vision.

Wash thoroughly after handling with soap and water.

#### 11.12 INHALATION:

May irritate respiratory tract.

#### 11.13 SWALLOWING:

May be harmful if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

### 11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

#### CONDITIONS AGGRAVATED

NL

### 11.3 CHRONIC HAZARDS

11.31 NL

## 11.4 MAMMALIAN TOXICITY INFORMATION

No recognized unusual toxicity to plants and animals

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## Section 12, Ecological Information

12.1 ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.2 EFFECT OF MATERIAL ON PLANTS AND ANIMALS:  
NL.

12.3 EFFECT OF MATERIAL ON AQUATIC LIFE:  
NL.

12.4 MOBILITY IN SOIL  
Mobility of this material has not been determined.

12.5 DEGRADABILITY  
Will not degrade.

12.6 ACCUMULATION  
Bioaccumulation of this product has not been determined.

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## Section 13, Disposal Considerations

Material may be picked up, reclaimed and reused.

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## Section 14, Transportation Information

MARINE POLLUTANT: No  
DOT/TDG SHIP NAME: Non Regulated  
DRUM LABEL: Non Regulated  
IATA / ICAO: Non Regulated  
IMO / IMDG: Non Regulated

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## Section 15, Regulatory Information

15.1 EPA REGULATION:  
SARA SECTION 311/312 HAZARDS: Non Hazardous, No Sara Reportable

All components of this product are on the TSCA list.  
SARA Title III Section 313 Supplier Notification

SARA TITLE III INGREDIENTS  
None

RISK AND SAFETY PHRASES  
None

15.2 STATE REGULATIONS:  
Not applicable

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## Section 16, Other Information

16.1 HAZARD RATINGS:  
HEALTH (NFPA): , HEALTH (HMIS): 1, FLAMMABILITY: 0, Reactivity: 0

## 16.2 EMPLOYEE TRAINING

Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.3 SDS DATE: 05/29/15

### Notice:

Butterfield Color expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

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This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Prepared By: HS&E Compliance Resources