



Micro-topping

MATERIAL SAFETY DATA SHEET

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Effective: January 1, 2006

SECTION 1 - PRODUCT IDENTIFICATION

Common Name: Micro-topping
(As appears on label)
Chemical Family:
Manufacturer/Supplier: Concrete Coatings Inc
PO Box 150071
Ogden, UT 84415
1-800-443-2871

Prepared by: Troy Harris, Technical Director

Emergency: Chemtrec 1-800-424-9300

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

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 ³	10mg/m ³
Crystalline Silica	14808-80-7	<65	1mg/m ³	1mg/m ³

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

SECTION 5 – REACTIVITY DATA

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.

SECTION 6 HEALTH HAZARD DATA

Carcinogenicity:	NO
IARC:	NO
OSHA Regulated?:	NO
Threshold Limit Value (TLV):	Respirable dust – TLV 10 mg/m ³
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

SECTION 7 – SPILL OR LEAK PROCEDURES

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.

SECTION 8 – SAFE HANDLING AND STORAGE INFORMATION

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



SECTION 9 – SHIPPING INFORMATION

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.