



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product:	CEM-KOTE BARRIER COTE 100 Component A	Part Number: 8730051
Manufacturer:	W. R. MEADOWS, INC.	Address: 300 Industrial Drive Hampshire, Illinois 60140
Telephone:	(847) 214-2100	In case of emergency, dial (800) 424-9300 (CHEMTREC)
Revision Date:	7/20/2023	
Product Use:	Cement Mortar	

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
Health 2	DANGER!
Flammability 0	May cause cancer. (Category 1)
Reactivity 0	Causes severe skin burns and eye damage. (Category 1B)
Personal Protection	May cause an allergic skin reaction. (Category 1B)
	Harmful if inhaled. (Category 4)
	May cause respiratory irritation. (Category 3)
	May cause damage to organs through repeated/prolonged exposures. (Category 1)
	PRECAUTIONARY STATEMENTS
	Avoid direct contact.
	Avoid dust inhalation.
	Use appropriate Personal Protective Equipment.



SECTION 3: HAZARDOUS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@25°C)</u>
1. Microcrystalline Silicon Dioxide	14808-60-7	50-55	No	N/A	N/A
2. Aluminum Cement	65997-16-2	40-45	No	N/A	N/A

N/A: Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with water for fifteen (15) minutes. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated shoes/clothing. Flush affected areas with water. If irritation develops/persists, seek medical attention.

INHALATION: Remove victim from exposure source. Treat symptomatically. If symptoms persist, seek medical attention.

INGESTION: Do not induce vomiting. If vomiting spontaneously occurs, keep the head below the hips to prevent lung aspiration. Seek immediate medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: None.

EXTINGUISHING MEDIA: Not applicable--product will not burn.

CHEMICAL/COMBUSTION HAZARDS: None recognized. Material will not support combustion.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid inhalation of dust if bags are broken. Use appropriate respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Evacuate unauthorized personnel. Clean up using methods that will minimize dust creation or wet methods. Avoid inhalation of dust. Place in marked/non-leaking containers for disposal. Flush affected areas to remove trace residues.

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SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact with this material as well as the creation of dust.

SAFE STORAGE: Store in cool, dry location away from moisture sources.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Microcrystalline Silicone Dioxide	*See Below	N/E	N/E	N/E	0.025 mg/m ³	N/E	N/E	N/E
2. Aluminum Cement	10 mg/m ³	N/E	N/E	N/E	5 mg/m ³	N/E	N/E	N/E
*: TWA Total Dust (30)/(%SiO ₂ + 2) mg/m ³						TWA Respiratory Fraction (10)/(%SiO ₂ + 2) mg/m ³		N/E: Not Established

ENGINEERING CONTROLS: Use equipment to keep dust levels below established exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical-resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A	pH LEVEL: 10-12 (hydrated)	% VOLATILE BY WEIGHT: N/A
WEIGHT PER GALLON: N/A	PRODUCT APPEARANCE: Gray Powder	VOC CONTENT: 0 g/L
ODOR: No Odor	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D	N/A: Not Applicable	N/D: Not Determined

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS AND MATERIALS TO AVOID: When hydrated -- acids, ammonium salts, aluminum metal.

HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may result in severe irritation and possible chemical burns.

SKIN CONTACT: May cause moderate skin irritation. Prolonged contact may result in chemical burns. Prolonged/repeated contact may cause sensitization reactions in susceptible individuals.

INHALATION: Exposure may cause moderate irritation of the nose, throat, respiratory tract, and other mucous membranes. Inhalation of silica dust may result in lung disease (Silicosis).

INGESTION: May cause mild to moderate irritation of the digestive tract. May cause stomach upset and vomiting.

SIGNS AND SYMPTOMS: Symptoms of eye exposure include pain, burning, redness, and swelling. Symptoms of skin irritation include redness, burning, swelling, and rash. Symptoms of respiratory irritation include runny nose, shortness of breath, chest discomfort, and reduced lung function. Symptoms of gastrointestinal exposure include abdominal pain, nausea, and vomiting.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: Silicon dioxide is listed by the IARC and NTP as being carcinogenic to humans (IARC Group 1A).

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E

DEGRADABILITY: N/E

BIOACCUMULATIVE POTENTIAL: N/E

SOIL MOBILITY: N/E

OTHER ADVERSE EFFECTS: N/E

N/E: Not Established

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Hydrated material will solidify to a non-hazardous solid. Landfill dispose.

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SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Non-hazardous material.
UN NUMBER: None. **HAZARD CLASS:** None. **PACKING GROUP:** None.
UN PROPER SHIPPING NAME: None.
ENVIRONMENTAL HAZARDS: None.
BULK TRANSPORTATION INFORMATION: Not applicable; product is not shipped in bulk configuration.
SPECIAL PRECAUTIONS: None.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 7/20/2023
PREPARED BY: W. R. Meadows, Inc.

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product:	CEM-KOTE BARRIER COTE 100 Component B	Part Number: 8730052
Manufacturer:	W. R. MEADOWS, INC.	Address: 300 Industrial Drive Hampshire, Illinois 60140
Telephone:	(847) 214-2100	In case of emergency, dial (800) 424-9300 (CHEMTREC)
Revision Date:	7/20/2023	
Product Use:	Cementitious Water-Proofing Coating/Bonding Agent	

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS		HAZARD STATEMENTS	
Health	1	WARNING!	
Flammability	0	Causes skin irritation. (Category 2)	
Reactivity	0	Causes eye irritation. (Category 2B)	
Personal Protection		PRECAUTIONARY STATEMENTS Avoid direct contact.	

SECTION 3: HAZARDOUS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. None					
Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."					

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention.

INHALATION: Not expected to be an exposure route as supplied. If respiratory symptoms develop, seek medical attention.

INGESTION: Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: >100 °C

EXTINGUISHING MEDIA: Not applicable. Product will not support combustion.

CHEMICAL/COMBUSTION HAZARDS: Not applicable. Product will not support combustion.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: None required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Apply absorbent and place clean-up material in sealed/marked containers for proper disposal. Clean-up materials will be classified as non-hazardous waste.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.

SAFE STORAGE: Do not allow product to freeze.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA					ACGIH		
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. None								
ENGINEERING CONTROLS: None required under normal use conditions.								
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.								

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
BOILING POINT: 100 °C	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/E
EVAPORATION RATE: As Water	pH LEVEL: 7-8	% VOLATILE BY WEIGHT: N/E
WEIGHT PER GALLON: 8.50	PRODUCT APPEARANCE: White Liquid	VOC CONTENT: 0 g/L
ODOR: Mild Acrylic	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D	N/A: Not Applicable N/D: Not Determined N/E: Not Established	
SECTION 10: STABILITY/REACTIVITY		
STABILITY: Stable.	HAZARDOUS POLYMERIZATION: Will not occur.	
CONDITIONS AND MATERIALS TO AVOID: None recognized.		
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.		
SECTION 11: TOXICOLOGICAL INFORMATION		
EYE CONTACT: Direct contact may cause mild irritation.		
SKIN CONTACT: Direct contact may cause slight skin irritation. Prolonged/repeated contact may result in irritation.		
INHALATION: Not anticipated to be an exposure route.		
INGESTION: Not anticipated to be an exposure route.		
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort.		
AGGRAVATED MEDICAL CONDITIONS: None recognized.		
OTHER HEALTH EFFECTS: None recognized.		
SECTION 12: ECOLOGICAL INFORMATION		
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None recognized	N/E: Not Established
SECTION 13: WASTE DISPOSAL INFORMATION		
WASTE DISPOSAL INFORMATION: Non-hazardous waste if disposed.		
SECTION 14: TRANSPORTATION INFORMATION		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.		
UN NUMBER: None.	HAZARD CLASS: N/A	PACKING GROUP: N/A
UN PROPER SHIPPING NAME: N/A		
ENVIRONMENTAL HAZARDS: None recognized.		
BULK TRANSPORTATION INFORMATION: None.		
SPECIAL PRECAUTIONS: None recognized.		N/A: Not Applicable
SECTION 15: REGULATORY INFORMATION		
OTHER REGULATORY CONSIDERATIONS: None recognized.		
SECTION 16: OTHER INFORMATION		
PREPARATION DATE:	7/20/2023	
PREPARED BY:	W. R. Meadows, Inc.	

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.