SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: MEADOW-PATCH® 20 **Part Number:** 8227000

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: 5/12/2025

Product Use: Cementitious Patching/Repair Product

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	
|Health|	| 2 |
|Flammability|	| 0 |
|Reactivity|	| 0 |
|Personal Protection|	| |

HAZARD STATEMENTS



DANGER!

May cause cancer. **(Category 1)**

Causes severe skin burns and eye damage **(Category 1B)**

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.**(Category1)**

PRECAUTIONARY STATEMENTS

Avoid direct contact.

Avoid dust inhalation.

Use appropriate Personal Protective Equipment.

SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Microcrystalline Silicon Dioxide	14808-60-7	45-50	No	N/A	N/A
2. Portland Cement	65997-15-1	35-40	No	N/A	N/A
3. Calcium Aluminate Cement	65997-16-2	1-5	No	N/A	N/A
4. Titanium Dioxide	13463-67-7	1-5	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 residue.

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.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA				ACGIH			
Chemical Name:	**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. Portland Cement	5 mg/m^3	N/E	N/E	N/E	1 mg/m^3	N/E	N/E	N/E
3. Calcium Aluminate Cement	15 mg/m3**	N/E	N/E	N/E	10 mg/m3**	N/E	N/E	N/E
4. Titanium Dioxide	15 mg/m3**	N/E	N/E	N/E	10 mg/m3**	N/E	N/E	N/E

*: TWA Total Dust (30)/(%SiO2 + 2) mg/m^3 TWA Respiratory Fraction (10)/(%SiO2 + 2) mg/m^3 *N/E: Not Established*

**: Total Dust 5 mg/m^3 Respirable Dust

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: Not Applicable
VAPOR DENSITY: Not Applicable
% VOLATILE BY VOLUME: Not Applicable
EVAPORATION RATE: Not Applicable
pH LEVEL: 10-12 (hydrated)
% VOLATILE BY WEIGHT: Not Applicable
WEIGHT PER GALLON: Not Applicable
PRODUCT APPEARANCE: White 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 COEFFICENT: N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D
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

SECTION 13: WASTE DISPOSAL INFORMATION

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

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.

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SECTION 16: OTHER INFORMATION

PREPARATION DATE:	5/12/2025
PREPARED BY:	Dave Carey

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