



CELCORE THINPATCH ADMIXTURE

Safety Data Sheet

Issued 05.16_r1

Section 1: Identification

Product Name: Celcore ThinPatch Admixture
Chemical Formula: Copolymer of vinyl acetate and ethylene with mineral additive and protective colloid
Company: MaxFlow Environmental Corporation
3148 US Hwy 70 West
Black Mountain, NC 28711
(828) 669-4875
Recommended Use: Industrial. Additive for portland cement mixtures



Section 2: Hazards Identification

Emergency Overview: May form combustible dust concentrations in air.
GHS Classification: Combustible dust.
Other Classifications: Risk of dust explosion.

Section 3: Composition, Information on Ingredients

Components: Copolymer of vinyl acetate and ethylene with mineral additive and protective colloid.
Synonym(s): Redispersible Powder
Information on Ingredients: CAS: 2943-75-1; Triethoxoctylsilane; content by wt. < 3.0%

Section 4: First-Aid Measures

Inhalation: If inhaled, move to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing is difficult.
Ingestion: Give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids.
Skin Contact: Wash from skin using plenty of soap and water.
Eye Contact: Flush eyes with copious amounts of clean fresh water holding eye lids apart. Should irritation continue following first aid, seek medical attention.

Section 5: Fire Fighting Methods

Conditions of Flammability: Combustible dust. Electrostatic charging is possible.
Extinguishing Media: Carbon dioxide, dry sand, dry chemical, foam type extinguishing media.
Protective Equipment: Protective firefighting gear and breathing apparatus.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, acetic acid.
Special Information: May form combustible concentrations in air. Risk of dust explosion.

Section 6: Accidental Release Measures

Personal Precautions: PPE Level D. Do not breathe dust. Do not ingest.
Emergency Procedures: Cover spilled materials to prevent dispersal by wind.
Environmental Precautions: Do not allow spill materials to enter storm drains or surface waterways.
Containment and Clean-up: Take up mechanically and place into containers for proper disposal.

Section 7: Handling and Storage

Handling: Wear personal protective gear such as normal work clothing, a tight fitting dust nuisance mask, chemical resistant gloves and goggles or safety glasses. Wash thoroughly after handling. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Do not eat, drink or smoke while handling. After handling, use good hygiene before eating, drinking, smoking or using the bathroom.
Storage: Store in sealed packaging in a dry, ventilated location. Keep away from sparks and flame.
Incompatibilities: Air dust concentrations may become combustible or explosive.

Section 8: Exposure Controls / Personal Protection

Exposure Limits: See Airborne Concentration at Workplace Table in this section.
Engineering Controls: Use with adequate ventilation.
Personal Protection: Wear protective gear such as normal work clothing, tight fitting dust nuisance mask, chemical resistant gloves and safety glasses or goggles.
Personal Respirators: A NIOSH approved air purifying respirator fitted with at least P-99 solid/aerosol particulate filters is recommended if over exposure to dust could occur.

Maximum Airborne Concentration at Workplace

CAS No.	Material	Type	mg/m ³	Dust fract.
	Particulate(s) not otherwise classified (insoluble or poorly soluble)	OSHA-PEL	15.0	Inhalable Dust/Mist
	Particulate(s) not otherwise classified (insoluble or poorly soluble)	OSHA-PEL	5.0	Respirable Dust/Mist
1317-65-3	Calcium Carbonate	OSHA-PEL	15.0	Inhalable Dust/Mist
1317-65-3	Calcium Carbonate	OSHA-PEL	5.0	Respirable Dust/Mist
1332-58-7	Kaolin	OSHA-PEL	15.0	Inhalable Dust/Mist
1332-58-7	Kaolin	OSHA-PEL	5.0	Respirable Dust/Mist
	Particulate(s) not otherwise classified (insoluble or poorly soluble)	ACGIH TWA	10.0	Inhalable Dust/Mist
	Particulate(s) not otherwise classified (insoluble or poorly soluble)	ACGIH TWA	3.0	Respirable Dust/Mist
1332-58-7	Kaolin	ACGIH TWA	2.0	Respirable Dust/Mist

Particulate(s) not otherwise classified: The value is for particulate matter containing no asbestos and < 1% crystalline silica (ACGIH)
Kaolin: The value is for particulate matter containing no asbestos and < 1% crystalline silica (ACGIH)

Section 9: Physical and Chemical Properties

Appearance	White flow-able powder	Bulk Density	25 -34.3 lbs/ft ³ (400-550 kg/m ³)
Flammability	Flash point not determined	Explosive	Dust explosive class 1
Odor	Odorless	Melting Point	N/A
Solubility (H₂O)	Moderate at 68° F (20° C)	Boiling Point	N/A
pH	Not determined	Decomposition Temp	482° F (250° C)

Section 10: Stability and Reactivity

Stability: Stable
Hazardous Reactions: None known
Conditions to Avoid: None known
Incompatibilities: Hazardous polymerization cannot occur.

Section 11: Toxicological Information

Potential Health Effects

Inhalation: Based on available data a sensitization is not expected from this product.
Skin Contact: Based on available data a clinically relevant skin irritation hazard is not expected.
Eye Contact: Based on available data a clinically relevant eye irritation hazard is not expected.
Ingestion: Based on available data acute toxic effects are not expected after a single oral exposure.

Section 12: Ecological Information (non-mandatory)

Toxicology: According to current knowledge, adverse effects on water purification plants are not expected.

Section 13: Disposal Considerations (non-mandatory)

Disposal: Dispose of only in accordance with all Local, State and Federal Regulations.

Section 14: Transportation Information (non-mandatory)

DOT Hazard: Not regulated for transport.

Section 15: Regulatory Information (non-mandatory)

Material and/or components: In compliance or listed with the requirements of the TSCA Chemical Substance Inventory.

Section 16: Other Information

Employers Responsibility: Employers must ensure that the SDSs are readily accessible to employees for all hazardous chemicals in their workplace. This may be done in many ways. For example, employers may keep the SDSs in a binder or on computers as long as the employees have immediate access to the information without leaving their work area when needed and a back-up is available for rapid access to the SDS in the case of a power outage or other emergency. Furthermore, employers may want to designate a person(s) responsible for obtaining and maintaining the SDSs. If the employer does not have an SDS, the employer or designated person(s) should contact the manufacturer to obtain on.