

Material Safety Data Sheet

PPP – Poultice Powder

Date of Preparation: November, 1997

Revision: November 2005

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PPP Poultice Powder

Chemical Formula: CaSiO₃

CAS Number: 1344-28-1

Other Designations: None

General Use: General stain remover for stone

Manufacturer: Stone Care International Inc.

P.O. Box #703, Owings Mills, Maryland 21117-0703

Phone: 410-783-0045

24-Hour Phone Number for Medical & Spill Emergencies: 1-800-535-5053

Section 2 - Composition / Information on Ingredients

Ingredient Name		CAS Number		% wt.	
Synthetic Calcium Silicate		1344-28-1		80-100 %	

Ingredient	CAS #	OSHA		ACGIH		NIOSH		IDLH
		PEL	STEL	TLV	STEL	REL	STEL	
Synthetic Calcium Silicate	1344-28-1	5 mg/m ³ (respirable) 15 mg/m ³ Nuisance Dust	NE	10 mg/m ³	NE	5 mg/m ³ (respirable) 10 mg/m ³ Nuisance Dust	NE	NE

Section 3 - Hazards Identification

Potential Health Effects

HMIS	
H	1
F	0
R	0
PPE†	H
†Sec. 8	

Primary Entry Routes: Inhalation, Eye Exposure.

Target Organs: Lungs, eyes

Acute Effects:

Inhalation: May cause upper respiratory tract irritation, coughing and sneezing from dust inhalation.

Eye: May cause temporary irritation.

Skin: No effects expected.

Ingestion: No effects expected. Non-toxic.

Carcinogenicity: IARC, NTP, and OSHA do not list ingredients in this product as carcinogens.

Medical Conditions Aggravated by Long-Term Exposure: Asthma, bronchitis, emphysema or any other chronic lung diseases.

Chronic Effects: Prolonged and repeated exposure to excessive concentrations of this product's dust or any nuisance dust can cause chronic pulmonary disease.

Section 4 - First Aid Measures

Inhalation: Remove person to fresh air. Drink water and blow nose to clear airways. If breathing difficulty persists, seek medical assistance.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, lifting the lids to ensure contact with all tissue of lids and eyes. Seek medical attention if irritation does not subside.

Skin Contact: Not hazardous when contacted with skin. Rinse with mild soap and water.

Ingestion: Not hazardous when ingested. Do not induce vomiting. Drink 2-3 glasses of water. Never give fluids to an unconscious person. Seek medical attention if symptoms develop.

Section 5 - Fire-Fighting Measures

Flash Point: Non-Flammable
Flash Point Method: NA
Burning Rate: NA
Auto-ignition Temperature: NA
LEL: NA
UEL: NA
Flammability Classification: NA



Extinguishing Media: Use extinguisher applicable to surrounding fire.
Unusual Fire or Explosion Hazards: None
Fire-Fighting Equipment: Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing when fighting a fire as appropriate.

Section 6 - Accidental Release Measures

Spills: Wear dust mask as needed. Vacuum up powder using a vacuum equipped with a HEPA filtration. Use sweeping compound or wet product to prevent dust generation if sweeping up. Place spilled material into a clean container and cover. Wash down spill area.

Section 7 - Handling and Storage

Handling Precautions: Review MSDS before use. Avoid inhaling dust. Keep dust conditions to a minimum. Keep container closed when not in use.

Storage Requirements: Keep material in a dry, cool place.

Section 8 - Exposure Controls / Personal Protection

NOTE: HMIS PPE codes shown on the label in section 3 are maximum expected protection. More or less protection may be appropriate depending on the conditions of use. Each user must determine the appropriate code based on their use as recommended by the producer of the HMIS label.

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs and other occupational exposure limits. (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls: Keep container closed when not in use. Avoid creating dust conditions.

Respiratory Protection: Respiratory protection is needed if exposure levels are exceeded. Respirator must provide the appropriate protection factors based on exposure levels. A NIOSH-approved P100 Respirator is suggested when needed. Respiratory use by employees is regulated by OSHA under 29 CFR 1910.134.

Protective Clothing/Equipment: Goggles are recommended to prevent eye contact. Gloves are not required.

Other precautions: keep out of reach of children and animals.

Section 9 - Physical and Chemical Properties

Physical State: Solid	Water Solubility: Negligible
Appearance and Odor: Fine white powder	Other Solubilities: ND
Odor Threshold: ND	Boiling Point: NA
Vapor Pressure: NA	Melting Point: ND
Vapor Density (Air=1): Not applicable	Viscosity: NA
Formula Weight: ND	Refractive Index: ND
Density: ND	Surface Tension: NA
Specific Gravity (H₂O=1, at 4 °C): 2.3	% Volatile: NA
pH: 7.5 – 9.0	Evaporation Rate: NA

Section 10 - Stability and Reactivity

Stability: This product is stable under nearly all conditions of use.
Polymerization: Hazardous polymerization cannot occur.
Chemical Incompatibilities: Hydrofluoric Acid
Conditions to Avoid: None.
Hazardous Decomposition Products: No unusual.

Section 11 - Toxicological Information

Toxicity Data:*

This product is non-toxic. Prolonged or repeated exposure to excessive dust concentrations of this product as any nuisance dust can cause chronic pulmonary disease.

Section 12 - Ecological Information

Ecotoxicity: Considered chemically inert in the environment.

Section 13 - Disposal Considerations

Disposal: This material is not defined by RCRA as a hazardous. Disposal in landfill. Local, state regulations may vary. Contaminated material should be evaluated prior to disposal.
Disposal Regulatory Requirements: Follow all applicable federal, state, and local regulations for disposal.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Earth, Diatomaceous, Crude or Ground.	Packaging Authorizations	Quantity Limitations
Shipping Symbols: NA	a) Exceptions:	a) Passenger, Aircraft, or Railcar:
Hazard Class: Not Classed	b) Non-bulk Packaging:	b) Cargo Aircraft Only:
ID No.: NA	c) Bulk Packaging:	Vessel Stowage Requirements
Packing Group: NA		a) Vessel Stowage:
Label: NA		b) Other:
Special Provisions (172.102): NA		

Section 15 - Regulatory Information**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed
RCRA Hazardous Waste Classification (40 CFR 261.): Not classified
CERCLA Hazardous Substance (40 CFR 302.4) Not listed
CERCLA Reportable Quantity None
SARA 311/312 Codes: Immediate (acute) and Chronic
SARA Toxic Chemical (40 CFR 372.65): Not listed
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed

CA Proposition 65 List: NA

PA Right-to-Know: Not Listed

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1): Dust (15 mg/m³) and Respirable Dust (5 mg/m³).

Section 16 - Other Information

Prepared By: Steve High, Consultant

Revision Notes: NA

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NE = Not Established; NA = Not Applicable; ND = Not Determined