

# Material Safety Data Sheet

## RPP – Poultice Powder

Date of Preparation: November, 1997

Revision: November 2005

### Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** RPP Poultice Powder

**Chemical Formula:** Mixture

**CAS Number:** Mixture

**Other Designations:** None

**General Use:** Rust 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	60-90 %
Sodium Hydrosulfite	7775-14-6	< 20%
Sodium Metabisulfite	7681-57-4	< 20%

Ingredient	CAS #	OSHA		ACGIH		NIOSH		IDLH
		PEL	STEL	TLV	STEL	REL	STEL	
Synthetic Calcium Silicate	1344-28-1	5 mg/m <sup>3</sup> (respirable) 15 mg/m <sup>3</sup> Nuisance Dust	NE	10 mg/m <sup>3</sup>	NE	10 mg/m <sup>3</sup>	NE	NE
Sodium Hydrosulfite	7775-14-6	NE	NE	NE	NE	NE	NE	NE
Sodium Metabisulfite	7681-57-4	NE	NE	5 mg/m <sup>3</sup>	NE	5 mg/m <sup>3</sup>	NE	NE

### Section 3 - Hazards Identification

#### Potential Health Effects

**Primary Entry Routes:** Inhalation, Eye Exposure, Skin Contact.

**Target Organs:** Lungs, eyes, skin

#### Acute Effects:

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

**Eye:** May cause irritation.

**Skin:** General irritation possible. Dermatitis with extended contact.

**Ingestion:** Nausea, vomiting.

**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. Some dermatoses may be affected by contact with this product. Some individuals may have allergic responses to sulfites.

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

HMIS	
H	1
F	0
R	0
PPE†	B
†Sec. 8	

### 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 immediate medical attention if irritation does not subside.

**Skin Contact:** Flush for 15 minutes. Remove contaminated clothing. Get medical attention if irritation does not subside.

**Ingestion:** Drink 1-2 glasses of water. Never give liquids to unconscious or semi-conscious person. Call poison control center immediately or qualified physician for additional instructions. Do not induce vomiting unless directed to do so by competent medical resource.

### 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:** Foam, carbon dioxide (if contained), water fog, water.

**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 HEPA filtration. In the alternative, use sweeping compound or wet product lightly to prevent dust generation and sweep up. Place spilled material into a clean container and cover. Wash down spill area clean equipment used for clean-up.

### 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. Do not expose to excessive temperatures.

**Storage Requirements:** Keep material in a dry, cool place. Do not store with combustible, organic or readily oxidized materials.

### 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. In most uses, exposure above the allowable levels is not expected. Respirator must provide the appropriate protection factors based on exposure levels.

**Protective Clothing/Equipment:** Goggles are recommended to prevent eye contact. Gloves, aprons or coveralls may be desired. Glove material is not provided.

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

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b> Solid	<b>Water Solubility:</b> Negligible
<b>Appearance and Odor:</b> Fine white powder with sulfur odor.	<b>Other Solubilities:</b> ND
<b>Odor Threshold:</b> ND	<b>Boiling Point:</b> NA
<b>Vapor Pressure:</b> NA	<b>Melting Point:</b> ND
<b>Vapor Density (Air=1):</b> Not applicable	<b>Viscosity:</b> NA
<b>Formula Weight:</b> ND	<b>Refractive Index:</b> ND
<b>Density:</b> ND	<b>Surface Tension:</b> NA
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> < 2.3	<b>% Volatile:</b> NA
<b>pH:</b> ND	<b>Evaporation Rate:</b> NA

### Section 10 - Stability and Reactivity

**Stability:** This product is stable under nearly all conditions of use.  
**Polymerization:** Hazardous polymerization cannot occur.  
**Chemical Incompatibilities:** All acids and oxidizers, especially hydrofluoric acid  
**Conditions to Avoid:** None.  
**Hazardous Decomposition Products:** Oxides of sulfur and carbon

### Section 11 - Toxicological Information

#### Toxicity Data:\*

The primary ingredient in 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.

\* See RTECS UX82250000 for additional information on Sodium Metabisulfite

### Section 12 - Ecological Information

**Ecotoxicity:** No information provided.

### Section 13 - Disposal Considerations

**Disposal:** Local, state regulations may vary. This material has not been tested for RCRA disposal classification. 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):

<b>Shipping Name:</b> ND	<b>Packaging Authorizations</b>	<b>Quantity Limitations</b>
<b>Shipping Symbols:</b> ND	<b>a) Exceptions:</b>	<b>a) Passenger, Aircraft, or Railcar:</b>
<b>Hazard Class:</b> Not Classed	<b>b) Non-bulk Packaging:</b>	<b>b) Cargo Aircraft Only:</b>
<b>ID No.:</b> NA	<b>c) Bulk Packaging:</b>	
<b>Packing Group:</b> NA		<b>Vessel Stowage Requirements</b>
<b>Label:</b> NA		<b>a) Vessel Stowage:</b>
<b>Special Provisions</b>		<b>b) Other:</b>
<b>(172.102):</b> 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:** Sodium Hydrosulfite, Sodium Metabisulfite.

**NJ Right-to-Know:** Sodium Metabisulfite

**OSHA Regulations:**

Air Contaminant (29 CFR 1910.1000, Table Z-1): Dust (15 mg/m<sup>3</sup>) and Respirable Dust (5 mg/m<sup>3</sup>).

**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*