

Section I-Product Identification

Starpatch Concrete Products
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HEALTH 1

FLAMMABILITY 0

PHYSICAL HAZARD 0

Product Name

RA-Granite RA- Straw
RA-Charcoal RA-Sedona
RA-Black RA-Slate Green
RA-Bark RA- Dark Redwood
RA- Brown

Product Use:

Stamp Release Powder
Date prepared on: May 15, 2024 Prepared by: Peter Jessen

Section II- Composition/Information on Ingredients

Hazardous Ingredients	CAS Number	Threshold Limit Values (mg/m3)	Permissible Exposure Limit (mg/m3)
Calcium Carbonate 83-93%	471-34-1	10 mg/m3	10 mg/m3
Iron Oxides 5-15%	1317-61-9	10mg/m3	10 mg/m3
Steric Acid 2%	68131-37-3	10mg/m3	10 mg/m3

Section III- Hazard Identification

Primary Routes of Entry: Inhalation, Eye contact, Ingestion.

Effects of Acute Exposure

Acute: May cause irritation to the upper respiratory tract. Abrasion may cause eye and skin irritation.

Chronic: Long term excessive exposures with repeated or prolonged inhalation of airborne dust of this material may cause scarring of the lungs, with shortness of breath, chronic cough, and respiratory assisted heart failure.

Medical Conditions Aggravated by Exposure: Dermatitis, pulmonary conditions and diseases

Carcinogenicity Effects: None known



Section IV- First Aid Measures

Eyes: Flush eyes with plenty of water, lifting lids periodically for at least 20 minutes. Consult a physician if irritation persists. Do not rub eyes!

Skin: Wash well with soap and water.

Inhalation: Remove from dusty area to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Not a hazard. If large amounts of material are ingested, contact a physician.

Section V- Fire and Explosion Hazard Data

Flammability: >500 ° F

Flammable Limits:

LEL: Unknown

UEL: Unknown

Extinguishing Media: Water spray, dry chemical, foam and CO₂

Special Fire Fighting Procedures: Normal fog or nozzle jet application and/or exclusion of air.

Unusual Fire & Explosives Hazard: None

Section VI- Accidental Release Measures

If released or spilled, vacuum or scoop material into a container for reclamation or disposal. Small amounts should be vacuumed to minimize dust.

Section VII- Handling and Storage

Store in a cool, dry location. Avoid sources of moisture contamination. Store in a safe area to prevent spills. Do not breathe dust. In dusty environments, the use of an OSHA, MSHA or NIOSH approved respirator and tight fitting goggles are recommended. When handling and storing this product wear appropriate personal protection as outlined in Section VIII.

Personal Hygiene: Promptly remove dusty clothing or clothing which is wet. Wash thoroughly after exposure to dust or wet cement mixtures or fluids.

Section VIII- Exposure Control/Personal Protection

Engineering Controls: Use ventilation as required to control dust concentrations-at least 10 air changes per hour are recommended for good, general room ventilation.

Personal Protection:

- Eyes-** Use of safety glasses/goggles is recommended to prevent direct eye contact.
- Skin-**Wear impervious gloves.
- Respiratory-** NIOSH approved dust respirator.
- General-** Precautions for nuisance dust. Wash thoroughly after handling and before eating. Keep dust away from food and beverages.

Warn employees and/or customers of the hazards and required OSHA precautions associated with the use of this product.

Section IX- Physical and Chemical Properties

Appearance: Dry Powder

Chemical Type: Mixture

Physical State: Solid

Specific Gravity: Approximately 2.0-2.5

Boiling Point: Not applicable

Vapor Density/Pressure: Not applicable

Bulk Density: 80lbs per cubic ft.

Solubility in Water: Negligible

Odor: Low odor

%Volatile by Volume: 0

Melt Point/Freeze Point: Not applicable

Section X- Stability and Reactivity

Stability: Stable

Incompatible Materials: Acids, peroxides, and strong oxidizing agents

Hazardous Decomposition or By-Products: CO, CO₂, sodium oxide

Hazardous Polymerization: Will not occur

Section XI- Toxicological Information

Routes of Entry: Primarily inhalation

Chronic Effects on Humans/ Carcinogenicity: Conditions aggravated by exposure include mild to moderate irritation of the eye, respiratory tract and digestive tract. Exposure to skin may cause mechanical irritation.

Signs and Symptoms of Overexposure: Signs of eye irritation include pain, tearing, reddening and swelling. Symptoms of skin irritation include reddening, swelling and rash. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting and diarrhea.

Medical Conditions that can be aggravated by exposure: Pre-existing respiratory conditions may be aggravated by exposure to product dust.

Section XII- Ecological Information

No data available.

Section XIII- Disposal Considerations

Dispose in accordance with applicable federal, provincial, and local government regulations.

This product is NOT considered hazardous waste.

Steps to be taken if material is leaked or spilled: Place spilled material in sealed/marked containers. Avoid the creation of dust during remedial activities.

Precautions to be taken during handling and Storage: Store in cool, dry location. Avoid sources of moisture contamination.

Other precautions: Avoid prolonged skin contact.

Section XIV- Transport Information

This product is not classified as a Hazardous Material under U.S. DOT or Canadian TDG regulations. Applies to all products indentified in section I.

Section XV- Regulatory Information

Canadian Environmental Protection Act: Not listed.

Canadian WHMIS Classification: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations (Class D2A, E- Corrosive Material) and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

Section XVI- Other Information

HMIS-III:	Health- 0=No significant health risk 1= Irritation or minor reversible injury possible 2= Temporary or minor injury possible 3= Major injury possible unless prompt action is taken 4= Life threatening, major or permanent damage possible
Flammability-	0= Material will not burn 1= Material must be preheated before ignition will occur 2= Material must be exposed to high temperatures before ignition 3= Material capable of ignition under normal temperatures 4= Flammable gases or very volatile liquids; may ignite spontaneously
Physical Hazard-	0= Material is normally stable, even under fire conditions 1=Material normally stable but may become unstable at high temps

2= Materials that are unstable and may undergo reaction at room temp

3= Materials that may form explosive mixtures with water

4= Materials that readily capable of explosive water reaction

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CPR	Controlled Products Regulations
HPA	Hazardous Products Act
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration (U.S.A.)
NIOSH	National Institute for Occupational Safety and Health (U.S.A)
NTP	National Toxicity Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
WHMIS	Workplace Hazardous Material Information System

This MSDS (Sections I-XVI) was revised on December 8, 2009.

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