

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
Rottenstone

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Supplier's name Museum Services Corporation	Emergency Telephone Number 651-450-8954
Address (Number, Street, City, State and ZIP Code) 385 Bridgepoint Way South Saint Paul, MN 55075	Telephone Number for Information 651-450-8954
	Date Prepared 2/26/2020
	Signature of Preparer (optional)

Section II—Hazardous Identification

EMERGENCY OVERVIEW

Appearance: Solid

Odor: None to Very Faint

Principal Hazards: CAUTION! Causes eye irritation.

Potential Health Effects: See Section 11 for more information.

Primary Routes of Exposure: Eye contact, ingestion, skin contact, inhalation, and absorption.

Eye Contact: Product may cause eye irritation; signs and symptoms may include a burning sensation, redness, tearing, inflammation, blurred vision, and/or possible transient corneal injury.

Ingestion: If ingested, product may cause irritation of mouth, throat, stomach, and digestive and central nervous systems; signs and symptoms may include headache, drowsiness, dizziness, swelling, abdominal discomfort, and/or burning sensation.

Skin Contact: Product may cause skin irritation; signs and symptoms may include drying, cracking, sensitization, reddening, discoloration, blistering and/or swelling.

Inhalation: If inhaled, product may cause irritation of respiratory tract (nose, mouth and mucous membranes) and central nervous system; signs and symptoms may include weakness, headache, drowsiness, dizziness, blurred vision, lung inflammation, breathing difficulties, abdominal discomfort, chest pain, and/or burning sensation.

Target Organs: Not Determined

Carcinogenicity: This product does not contain carcinogens or potential carcinogens as listed by IARC or NTP.

Hazardous Listing: Components of this product are not considered to be hazardous per the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section III—Composition/Information on Ingredients

Component	CASRN	Concentration
Aluminum silicates	1335-30-4	70-100%

Section IV—First Aid Measures

General advice - Not applicable.

Eyes - If exposure occurs, flush the affected eye for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention immediately after flushing.

Skin - If exposure occurs, flush the affected area thoroughly with water for at least 15 minutes. Destroy contaminated clothing and shoes. Seek medical attention immediately.

Inhalation - Remove to fresh air. If not breathing, administer CPR until help arrives or the victim starts to breathe on his own. If breathing is difficult, give oxygen. Seek medical attention immediately.

Indication of any immediate medical attention and special treatment needed - Treat symptomatically.

Section V—Fire and Explosion Hazard Data

Extinguishing Media – This product is not expected to burn under normal conditions of use.

Products of Combustion - Combustion may produce carbon monoxide, carbon dioxide, and irritating or toxic vapors and gases.

Advice for firefighters (Fire Fighting Procedures): Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

Section VI—Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Follow personal protective equipment recommendations found in Section 8. Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage systems or open waterways.

Section VII—Handling and Storage

Precautions for safe handling: Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition.

Conditions for safe storage: Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

Section VIII—Exposure Control /Personal Protection

Respiratory Protection : A NIOSH-approved air-purifying respirator with the appropriate cartridge may be appropriate under certain circumstances where airborne concentrations are expected to exceed permissible exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Engineering Controls: Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

Protective measures: Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

General Hygiene: It is good practice to avoid contact with the product and/or its vapor, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

Eye Protection: Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.

Section IX—Physical and Chemical Properties

Appearance

Physical state - Solid

Odor - None to very faint

Odor Threshold - no data available

pH - no data available

Freezing point - no data available

Boiling point (760 mmHg) - no data available

Flash point Pensky-Martens closed cup - Will not flash

Flammability (solid, gas) - Not Applicable

Lower explosion limit - Not Applicable

Upper explosion limit - Not Applicable

Specific Gravity – 2.71

Water solubility – Not determined

Partition coefficient: noctanol/water – Not determined

Auto-ignition temperature – Not determined

Solids Vol% - 100

Solids WT% - 100

NOTE: VOC data per US EPA guidelines. Some states and localities have guidelines more stringent than federal regulations. Aerosol coating product category codes and applicable reactivity limits are displayed on product labels per 40 CFR 59.507.

Section X—Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Heat, flames, and sparks.

Hazardous decomposition products: Not determined.

Section XI—Toxicological Information

Toxicological information appears in this section when such data is available.

aluminum silicates CAS 1335-30-4

Toxicological evaluation of this product as a whole has not been performed. Individual components that are potential or known carcinogens are listed above.

Section XII—Ecological Information

Ecotoxicological information appears in this section when such data is available.

General Information

Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

Section XIII—Disposal Considerations

Disposal methods: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

Section XIV—Transport Information

DOT Basic description: NOT RESTRICTED

See 49 CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section XV—Regulatory Information

Chemical Name	CAS	CERCLA	CERCLA RQ	EPCRA EHS	EPCRA TPQ	SARA 313	TSCA	DSL	EINECS	Proposition 65	WHMIS
aluminum silicates	1335-30-4						*	*	*		

Section XVI—Other Information

Hazard Rating System

HMIS

Health	Flammability	Physical Hazard
1	0	0

Revision

Version: 1.0

Information Source and References

This SDS is from information supplied by internal references within our company.

Key to Abbreviations:

*	Item appears on indicated list (or inventory)
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLA RQ	CERCLA Reportable Quantity
CFR	Code of Federal Regulations
CPR	Cardiopulmonary resuscitation
DSL	Domestic Substances List of Canada
EINECS	European Inventory of Existing Chemical Substances
EPCRA	Emergency Planning and Community Right-to-know Act
EPCRA EHS	EPCRA Extremely Hazardous Substance
EPCRA THQ	EPCRA Threshold Planning Quantity
oF	Fahrenheit degrees
g/l	Grams per liter
gal	Gallons
IARC	International Agency for Research on Cancer
lbs or LBS	Pounds
MGM3	Milligrams per cubic meter
MIR	Maximum Incremental Reactivity
MSDS	Material Safety Data Sheet
NIOSH	National Institute of Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPM	Parts per million
Proposition 65	California's Safe Drinking Water and Toxic Enforcement Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VOL	Volume
WT	Weight
WHMIS	Canadian Workplace Hazardous Materials Information System
UN	United Nations

Museum Services Corporation urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that their activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific SDSs, we are not and cannot be responsible for (M)SDSs obtained from any other sources. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.