



SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME
United States Pumice Company
20219 Bahama St.
Chatsworth, CA 91311

EMERGENCY TELEPHONE
Emergency: 800-423-3037
Information: 818-882-0300
Fax: 818-882-9643

Safety Data Sheet Competent Person:

Elizabeth Anderson ema@uspumice.com

DATE PREPARED: May 30, 2015

REVISION DATE: June 30, 2015

PRODUCT NAME: **Pumie® Flexi-Scour**
PRODUCT IDENTIFIER: FLEX-24C, FLEX-48
FORMULA: Preparation/Mixture
PRODUCT USE: Non – toxic. Abrasive scouring product for cleaning hard surfaces such as porcelain, ceramic, and cement.

Section 2: Hazards Identification

NFPA: Health = 1, Fire = 0, Reactivity = 0
HMIS III: H*1/F0/PH0



HMIS III		
HEALTH	<input checked="" type="checkbox"/>	1
FLAMMABILITY		0
PHYSICAL HAZARDS		0
PERSONAL PROTECTION E Safety Glasses, Gloves, Dust Respirator		

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.R for "SPECIFIC" handling directions
A		n	
t		u	
o		w	
p		y	
q		z	
r		s	

**E | Safety Glasses,
Gloves, Dust Respirator**

GHS Signal Word:
GHS Classifications:
GHS Phrases:
GHS Precautionary Statements:

WARNING
Health, Serious Eye Damage/Eye Irritation, 2 B
H320 - Causes eye irritation
P261 - Avoid breathing dust produced while using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P285 - In case of inadequate ventilation wear respiratory protection.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air.
P305+351+338 - IF IN EYES: Do NOT rub. Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists: Get medical advice/attention.

Product: Flexi-Scour (Silicon Carbide screen)



P342 - If experiencing respiratory symptoms: Get medical advice/attention.

Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.	EINECS/ELINCS	CANADA DSL
Silicon carbide	0-50%	409-21-2	206-991-8	Y
Cured resin, Phenol-Formaldehyde polymer	5-30%	9003-35-4	500-005-2	Y
Cured resin, Urea-Formaldehyde polymer	10-30%	9011-05-6		Y
Limestone	0-25%	1317-65-3	215-279-6	Y
Kaolin clay	0-15%	1332-58-7	310-194-1	Y
Cotton or Polyester cloth, mesh, or paper backing	0-30%	N/A	N/A	N/A

Some items on this SDS may be designated as trade secrets (TS). Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation	Blow nose to remove substance from nasal passages. Move person to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	No need for first aid is anticipated for non-abrasive exposure to product. If reddening or irritation persists, obtain medical attention.
Eye Contact	Do not rub eyes. Flush with water for at least 15 minutes, lifting upper and lower lids occasionally. If irritation persists, obtain medical attention.
Ingestion	No need for first aid is anticipated. If symptoms develop, obtain medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	May cause respiratory tract irritation.
Symptoms/Injuries after Skin Contact	May cause skin irritation.
Symptoms/Injuries after Eye Contact	May cause eye irritation.
Symptoms/Injuries after Ingestion	May be harmful if swallowed.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Use a fire fighting agent, such as water or foam, suitable for ordinary combustible material.
Special hazards arising from the substance or mixture	Carbon Oxides.
Protective actions fire-fighters	Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
Further information	See section 7 for information on safe handling. See section 8 for information on personal protection equipment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment. Avoid breathing dust. Ensure adequate ventilation.

Product: Flexi-Scour (Silicon Carbide screen)

**Environmental precautions**

No special environmental precautions required.

Methods and materials for containment and cleaning up

No special clean up required.

Reference to other Sections For safe handling reference section 7. For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

Avoid breathing of dust created while sanding, grinding, or machining – use dust respirator while using dry product.

Use with a dust control measure, such as water, to reduce dust hazards.

Wear proper protective equipment when handling this material.

Wash hands after handling this material.

Do not let dust accumulate. Clean up after each use.

Conditions for safe storage, including any incompatibilities

Keep away from sparks, heat, or flames.

Specific uses

This product is intended for use as an abrasive scouring product for cleaning hard surfaces such as porcelain, ceramic, and cement. Use with a dust control measure, such as water, to reduce dust hazards.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Personal Protective Equip:**Eye/face protection:**

When using material use safety glasses, gloves, and dust respirator according to HMIS PP, E.

All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection:

Wear appropriate gloves to minimize risk of skin injury from contact with dust or physical abrasion from sanding. Dispose of gloves after use.

Body Protection:

Safety glasses, gloves and dust respirator are recommended. Type of protective equipment should be selected based on ventilation conditions and other conditions of use of this material.

Respiratory protection:

Consider material being abraded before choosing a method of respiratory protection. If needed, use a NIOSH/MSHA dust mask according to 24 CFR 1910.134. Full-face dust respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.

Control of environmental exposure:

No special requirements are necessary.

Components with workplace control parameters:

Component(s): Silicon Carbide, Corundum; Limestone; Kaolin Clay

CAS No(s): 409-21-2; 1317-65-3; 1332-58-7

USA OSHA Occupational Exposure Limits Table Z-1 Limits for Air Contaminant (TWA): 15.0 mg/m³ (as total dust)

USA OSHA Occupational Exposure Limits Table Z-1 Limits for Air Contaminant (TWA): 5.0 mg/m³ (as respirable fraction)

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USA OSHA Table Z-1 Limits for Air Contaminants - 1910-1000 (TWA): 10.0 mg/m³ (as total dust)
USA OSHA Table Z-1 Limits for Air Contaminants - 1910-1000 (TWA): 5.0 mg/m³ (as respirable fraction)
USA ACGIH (TWA/TLV): 1.0 fiber/cm³
USA ACGIH (TWA/TLV): 3.0 mg/m³
USA NIOSH (TWA): 10.0 mg/m³ (as total dust)
USA NIOSH (TWA): 5.0 mg/m³ (as respirable fraction)

Biological occupational exposure limits:

Contains no substances with biological occupational exposure limits values.

Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR:	Cloth, paper or screen coated with abrasive material
PHYSICAL STATE:	Solid
ODOR:	Not applicable for product
ODOR THRESHOLD	Not applicable for product
PH	Not applicable for product
MELTING POINT/FREEZING POINT:	Not applicable for product
INITIAL BOILING POINT AND BOILING RANGE:	Not applicable for product
FLASH POINT:	Not applicable for product
EVAPORATION RATE:	Not applicable for product
FLAMMABILITY (Solid, gas)	Not classified
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not applicable for product
VAPOR PRESSURE	Not applicable for product
VAPOR DENSITY (AIR = 1)	Not applicable for product
RELATIVE DENSITY (@25 °C):	Not applicable for product
SOLUBILITY(IES)	Not applicable for product
OXIDIZING PROPERTIES	Not applicable for product
PARTITION COEFFICIENT: n-octanol/water	Not applicable for product
AUTO IGNITION TEMPERATURE	Not applicable for product
DECOMPOSITION TEMPERATURE	Not applicable for product
VISCOSITY	Not applicable for product

Section 10: Stability and Reactivity

Reactivity:	Product is stable under normal conditions.
Chemical Stability:	Stable.
Conditions to Avoid:	Ignition sources.
Incompatibility (Materials to Avoid):	Avoid contact with strong acids or oxidizers.
Hazardous Decomposition Products:	Carbon oxides.

Section 11: Toxicological Information

Toxicological data may not be relevant to the material as a whole or an ingredient may be present below the threshold for labeling. Ingredients may not be reflected in the material classification or in the signs and symptoms of exposure due to these reasons.

Component(s): Silicon Carbide; Cured Resin, Phenol-Formaldehyde polymer; Cured Resin, Urea-Formaldehyde polymer; Limestone; Kaolin Clay

CAS No(s): 409-21-2; 9003-35-4; 9011-05-6; 1317-65-3; 1332-58-7

Acute Toxicity:

LD₅₀ Oral - Rat: > 2,000 mg/kg
LD₅₀ Dermal - Rabbit: > 20,800 mg/kg
LDLo Intraperitoneal - Rat: 300 mg/kg
LCLo Inhalation - Rat: 60 mg/m³ (6 h)

Skin Corrosion/Irritation: The product itself does not present hazards when used correctly. Mechanical irritation (abrasion) may cause skin irritation.



Serious Eye Damage/Eye Irritation: The product itself does not present hazards. Dust created by grinding, sanding or machining may cause eye irritation.

Respiratory or Skin Sensitation: Certain sensitive individuals may experience allergy symptoms following prolonged, repeated skin contact with this material.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: This product is or contains a component that is classifiable as to its carcinogenicity by the IARC, ACGIH, NTP or OSHA (Kaolin Clay).

IARC: 1 - Group 1: Carcinogenic to humans (Kaolin Clay).

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: Known to be a human carcinogen (Kaolin Clay).

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity - Single Exposure: Respiratory system: The product itself does not present hazards. Dust created by grinding, sanding or machining may cause respiratory irritation.

Specific Target Organ Toxicity - Repeated Exposure: Respiratory system: Data that exists is not sufficient for classification. Prolonged occupational exposure may be related to pneumoconiosis and/or pulmonary fibrosis.

Aspiration Hazard: No data available.

Additional Information:

Component: Silicon Carbide; RTECS: VW0450000

Component: Cured Resin, Phenol-Formaldehyde polymer; RTECS: SM8542500

Component: Cured Resin, Urea-Formaldehyde polymer; RTECS: YU1610000

Component: Limestone; RTECS: FF9335000

Component: Kaolin Clay; RTECS: GF1670500

Section 12: Ecological Information

Component(s): Silicon Carbide; Cured Resin, Phenol-Formaldehyde polymer; Cured Resin, Urea-Formaldehyde polymer; Limestone; Kaolin Clay

CAS No(s): 409-21-2; 9003-35-4; 9011-05-6; 1317-65-3; 1332-58-7

Toxicity:

Toxicity to fish:

No data available.

Toxicity to daphnia and other aquatic invertebrates:

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in Soil:

No data available.

Results of PBT and vPvB assessment:

Not required/conducted.

Other Adverse Effects:



An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13: Disposal Considerations

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material. Consult all applicable authorities and regulations to ensure proper classification. Any abraded material remaining on used product (from the substrate being abraded) may need to be considered as a factor in the disposal classification, method or handling of used product.

Contaminated Packaging: Dispose of as unused product.

Section 14: Transport Information

<u>DOT TRANSPORT:</u>		Not Regulated
<u>ADR = International Carriage of Dangerous Goods by Road</u>		Not Regulated
<u>RAIL TRANSPORT:</u>		Not Regulated
<u>SEA TRANSPORT:</u>	IMDG	Not Regulated
<u>AIR TRANSPORT:</u>	IATA/ICAO	Not Regulated

Section 15: Regulatory Information

COMPONENT / (CAS/PERC) / CODES

*Silicon carbide (409212 0-50%) MASS, NJHS, OSHAWAC, PA, SARA311/312, TSCA, TXAIR
*Cured Resin, Phenol-Formaldehyde polymer (9003354 5-30%) TSCA
*Cured Resin, Urea-Formaldehyde polymer (9011056 5-30%) TSCA
*Limestone (1317653 0-25%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
*Kaolin Clay (1332587 0-15%) MASS, NJHS, OSHAWAC, PA, PROP65, SARA311/312, TSCA, TXAIR
REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PROP65 = CA Prop 65
SARA311/312 = SARA 311/312 Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

Section 16: Other Information

Initial issue date: May 30, 2015
Final revision date: May 31, 2015
Revision Number: 0
Revision explanation: Initial version
Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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Product: Flexi-Scour (Silicon Carbide screen)