

Material Safety Data Sheet (1907/2006EEC)

Product Name: PUMICE

Date: 28/08/2009

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1. Substance / details of Preparation / Company

1.1 Product Name (INCI)

PUMICE

1.2 Company:

HESS PUMICE PRODUCTS Inc.

 100 Hess Drive –Malad City –Idaho 83252 –USA
 Tel. +1 (208) 766-4777

1.3 Contact Person:

Mr. Mike Hess

2. Composition / Details of Compounds

2.1 Chemical Identity:

Natural Complex silicate or oxides of AL,K,Na,Fe,Ca,Mg,Ti..

2.2 CAS- NR.

1332-09-8

2.3 Designation:

Amorphous Aluminum Silicate

2.4 EINECS NR.

310-127-6

3. Potential Hazards

3.1 Hazards identification:

None

3.2 Particular hazards indications for man and environment:

Use approved dust mask; goggles to prevent eye irritation

3.3 Classification System:

Classification in accordance with the actual EEC-guidelines, and integrated with indications from the specialized literature and from the manufacturer.

4. First Aid

4.1 General References:

None

4.2 After Inhalation:

Remove to fresh air

4.3 After Eyes Contact:

Wash with copious amounts of clean water for 15 minutes

5. Fire Fighting Measures

5.1 Suitable fire extinguishing media:

Not Applicable

5.2 Danger posed by the material, combustion by-products & gases.

None

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5.3 Special protection equipment: None

6. Accidental release measures

6.1 Personal precautionary measures: Use techniques that minimize generating dust. Use dust mask and goggles

6.2 Environment protection measures: None

6.3 Procedure for cleaning / admission: Sweep or vacuum all spills

6.4 Further indications: Information on personal protection (see section 8)

7. Handling and Storage

7.1 Handling: Vacuum clean spillage. If sweeping is necessary, use a dust suppressant
 Indications to fire and explosion protection: None

7.2 Storage
 Condition for storage-room and containers: None
 Indications for collective storage: None
 Further indications for storage: Containers to be maintained closed
 Storage class:
 VbF-class: Not Applicable

8. Exposure Controls and Personal Protection

8.1 Assigned materials with workstation-furnished, to supervising limit values: Avoid generating dust

8.2 Personal protection equipment general protection and hygiene measures: General measures when handling with dust.

8.3 Respiratory protection: Use approved dust mask

8.4 Hand protection: Not required

8.5 Eye protection: Use goggles for eye protection

9. Physical and Chemical Properties

Form: Powder
 Colour: Off -white
 Smell: No odour

9.1 Melting point >1500° C
 Initial boiling point Not Applicable

9.2 Flammable limits: Not Applicable

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9.3	Danger of explosion:	No explosion hazard
9.4	Specific gravity:	2.350g/ml
9.5	Bulk density:	400 –900g/ml
9.6	Soluble/ mixable with water:	Negligible
9.7	pH	At 20°C 7.5 –8
10.	Stability and Reactivity	
10.1	Thermal decomposition/conditions which can be avoided:	None
10.2	Materials to be avoided:	Not Applicable
10.3	Dangerous reactions:	No dangerous reactions known
10.4	Dangerous decomposition products:	Not Applicable
11.	Toxicological Information	
11.1	Acute toxicity Primary irritation: Skin Eye	None Light irritation
11.2	Sensitizer:	No actions known
11.3	Other toxicological references:	None
12.	Ecological Information	
12.1	Data for elimination (Persistence and degradability) General references Evaluation:	Powder is not biodegradable.
12.2	Eco / toxicological actions:	Absence of: COD, BOD, AOX
12.3	Further ecological references Contains following Heavy Metals according to EEC directive Nr. 76/464 EWG:	None

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13.	Disposal Consideration	
13.1	Product Recommendations:	Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.
13.2	Indication:	Inert, Raw-Mineral, not dangerous for the environment.
13.3	Uncleaned packing Recommendations:	Packing disposal in accordance with all federal, state and local regulations.
14.	Transport Information	
	Transport / Other Information:	Not classified as hazardous
15.	Regulatory Information	
15.1	Labeling:	Not Applicable
15.2	National Regulations:	None
15.3	Water Water Pollution Class (Germany)	1 (low hazard to waters)
16.	Other Information	
	REACH Statement	The information contained herein is based on our present state of knowledge. It does neither represent a guarantee of the properties of the product nor claims the completeness of the information given. With regard to our product the user is obliged to follow the official regulations and laws that are applied in his or her country, and bears the full responsibility for the use of the product. It is only legal to make paper copies of this data sheet for internal usage. This product is EXEMPT from REACH registration in accordance with section 1.6.4 (Substances exempted from registration) of the Guidance for Registration of the REACH regulation. As such, the obligations for downstream users and the provisions on substance and dossier evaluation do not apply.
	Issuing Department:	Sales Department