

# Material Safety Data Sheet (91/155EEC)

<b>Product Name:</b>	HESS PUMICE	<i>Date:</i>	01/07/2004
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## 1. Substance / details of Preparation / Company

1.1	Product Name	HESS PUMICE
1.2	Company:	<b>HESS PUMICE PRODUCTS Inc.</b> 100 Hess Drive – Malad City – Idaho 83252 – USA Tel. +1 (208) 766-2655 - +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 Silicon Dioxide (SiO <sub>2</sub> )
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:  
Indication's to fire and explosion protection: Vacuum clean spillage. If sweeping is necessary, use a dust suppressant  
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  
Initial boiling point >1500° C  
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 avoid:	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	None
		Eye	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's: Not classified as hazardous

**15. Regulatory Information**

15.1 Labelling: Not Applicable

15.2 National Regulations: None

15.3 Water  
 Water Pollution Class (Germany) 1 (low hazard to waters)

**16. Other Information**

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.

Issuing Department: Sales Department