

# Pumice



**Company:**  
 A.G.P. SAS  
 20, avenue Reille  
 75014 PARIS  
 Tel. +33 (0) 1 45 89 84 44  
 Fax +33 (0) 1 45 89 66 54  
 E-Mail: contact@agp-abrasifs.com

## 1 – Identification of the substance

<b>Product Name:</b>	Pumice/Amorphous Aluminum Silicate
<b>Product Code:</b>	550----
<b>CAS No:</b>	1332-09-08
<b>EINECS No:</b>	310-127-6
<b>ACID No:</b>	99901E1050
<b>TSCA inventory:</b>	Listed as Pumice (CAS # 1332-09-08)
<b>DSL:</b>	Listed as Pumice (CAS # 1332-09-08)
<b>GHS:</b>	This product does not contain any harmful substances listed in GHS.
<b>WHMIS:</b>	This product is classified as an uncontrolled product according to WHMIS classification.
<b>REACH:</b>	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.

## 2 – Hazards Identification

Material is considered non hazardous

**Signal Word:**

<b>GHS Hazard Phrases:</b>	Based on evaluation of currently available data this substance is not classifiable according to GHS.
<b>GHS Precautions Phrases:</b>	No phrases apply.
<b>GHS Response Phrases:</b>	No phrases apply.
<b>GHS Labelling Pictogram:</b>	No applicable pictogram.

## 3 – Composition / Information on ingredients

<b>Other inert components:</b>	Complex silicates or oxides of Al, K, Na, Fe, Ca, Mg, Ti.
<b>Chemical identity, major components:</b>	Amorpheous Aluminum Silicate ( $Al_2O_3$ ) $M_xO_y - SiO_2$ (M=Al, Ca, Mg + other minor metal oxides, with bound amorphous silica ( $SiO_2$ )).

**Common names: Pumice, volcanic glass**

**HMIS (Hazardous Materials Identification System Rating - NPCA/CPCA)**

Based on hazard rating of 4 = most severe

**Health** 0

**Flammability** 0

**Reactivity** 0

**Personal Protection:** Use approved dust mask; goggles to prevent eye irritation.

## 4 – First Aid Measures

### Material is non-poisonous

<b>Eyes:</b>	Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.
<b>Inhalation:</b>	Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.

## 5 – Fire Fighting Measures

<b>Flash point:</b>	Not applicable.	<b>Flammable limit:</b>	Not applicable.
<b>LEL:</b>	Not applicable.	<b>UEL:</b>	Not applicable.
<b>Extinguishing media:</b>	Not applicable.	<b>Special firefighting procedures:</b>	Not applicable.
<b>Unusual fire and exposition hazards:</b>	None		

## 6 – Accidental Release Measures

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant.

## 7- Handling and Storage

<b>Precautions to be taken in handling as storing:</b>	Use techniques that minimize generating dust.
<b>Other precautions:</b>	Material, when wet, may be slippery on a smooth surface. Use caution.

## 8 – Exposure Controls / Personal Protection

Ventilation	Local exhaust: Recommended	Special Other:
	Mechanical (general): sweep or vacuum all spills	Use filter-equipped vacuum to remove dust; do not blow off with compressed air.

<b>Protective gloves:</b>	Not required.
<b>Eye protection:</b>	Goggles recommended.
<b>Work / hygiene practices:</b>	Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.

## 9 – Physical and Chemical Properties

**Form:** Powder - **Color:** Off-white - **Smell:** No odor

<b>Boiling point</b>	Not applicable	<b>Specific gravity</b>	2.35
<b>Vapor pressure (mm Hg)</b>	Not applicable	<b>Melting point</b>	Not applicable
<b>Vapor density (air=1)</b>	Not applicable	<b>Evaporation rate (Butyl acetate=1)</b>	Not applicable
<b>Solubility in water</b>	Negligible	<b>pH</b>	7.2

## 10 – Stability and Reactivity

Stability	Unstable	Conditions to avoid
	Stable <u>X</u>	No special precautions

**Incompatibility (Materials to avoid):** No incompatibility. (React with hydrofluoric acid: soluble HF).

**Hazardous decomposition of byproducts:** May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.

Hazardous polymerization	May occur	Conditions to avoid
	Will not occur X	No special conditions

## 11 – Toxicological Information

### Classified as nuisance dust only.

#### Route(s) of entry:

<b>Inhalation:</b>	Yes.
<b>Skin:</b>	No.
<b>Ingestion:</b>	Non hazardous.

**Carcinogenicity: NTP** No.

**IARC monographs:** Vol. 68 (1997)

**OSHA regulated:** No.

**Silica group 3:** Not classifiable as to carcinogenicity to humans.

**Signs and symptoms of exposure:** In extreme exposures, some congestion may occur.

**Medical conditions which may be aggravated by exposure:** Pre-existing upper respiratory and lung disease such as, but not limited to, Emphysema and Asthma.

**Acute health effects:** Transitory upper respiratory irritant.

**Chronic health effects:** Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).

## 12 – Ecological information

No special considerations.

## 13 – Disposal Considerations

Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.

## 14 – Transport information

Not controlled by IATA and to be considered as non dangerous goods.

## 15 – Regulatory information

Not regulated.

## 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.