

PVP. Ind. Inc.

MATERIAL SAFETY DATA SHEET---PERLITE

I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled) PVP Expanded, Perlite

MANUFACTURERS NAME PVP Industries Inc.

Address (complete mailing address): 9819 Penniman Rd.
North Bloomfield, OH 44450

Phone number: 440-685-4701
440-685-4701 fx.

Date Prepared or Revised: 01/01/09

II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Numbers	EXPOSURE LIMITS		
		ACGIH TLV (Total)	ACGIH TLV (Respirable)	OTHER
Perlite	93763-70-3*	10 mg/M ³	3 mg/M ³	30 mppcf

Perlite is an amorphous, hydrated glassy volcanic rock of rhyolitic composition, consisting primarily of fused sodium potassium aluminum silicate.

Perlite is considered a nuisance dust (also called "Particulates Not Otherwise Classified (PNOC) by ACGIH).

Alpha-Cristobalite & Tridymite: Less than 0.1%

Alpha Quartz: 0.01 to 0.05%

III. PHYSICAL PROPERTIES

Vapor Density (air = 1) N/A **Melting point or range. F°** 2000
+

Specific Gravity	2.35	Boiling point or range. F°	N/A
Solubility in Water	<1%	Evaporation rate (butyl acetate = 1)	N/A
Vapor Pressure, mmHg at 20°C	N/A		

Appearance and odor: White to off white granules, no odor.

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust or mist)

Visual only (dust), No gas, vapors, or mist emitted.

-----**IV. FIRE AND EXPLOSION**-----

Flash Point, F° (give method) **Perlite is a fully oxidized non-flammable mineral. It is noncombustible and non-flammable.**

Auto ignition temperature, F° N/A

Flammable limits in air, Volume%: N/A **lower(LEL)** N/A **upper(UEL)** N/A

Fire extinguishing materials: N/A

_____ **water spray** _____ **carbon dioxide** _____ **other:**

_____ **foam** _____ **dry chemical**

Special fire fighting procedures: N/A

Unusual fire and explosion hazards: N/A

-----**V. HEALTH HAZARD INFORMATION**-----

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure

Inhaled: Coughing

Contact with skin or eyes: Possible eye irritation from dust particles; wear eye protection

Absorbed through skin: N/A

Swallowed: N/A

HEALTH EFFECTS OR RISKS FROM EXPOSURE.

Acute: None

Chronic: Excessive inhalation over long period may cause harmful irritation; use mask suitable for nuisance dust.

Target Organ: None

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Attempt to wash out with clear water; if unable have particle removed by doctor

Skin Contact: None

Inhaled: Remove affected individual from dusty area to area with clean air

Swallowed: None

SUSPECTED CANCER AGENT?

X **NO: This product's ingredients are not found in the lists below.**

YES: _____ **Federal OSHA** _____ **NTP** _____ **IARC**

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Any Respiratory illnesses which a nuisance dust may aggravate

-----**VI. REACTIVITY DATA**-----

Stability: _____ **X** **Stable** _____ **Unstable**

Incompatibility (Materials to avoid): None

Hazardous decomposition products (including combustion products): None

Hazardous Polymerization: _____ May Occur X Will not occur

Conditions to Avoid: None

-----**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**-----

Spill response procedures (include employee protection measures):

Sweep material or Vacuum clean ; Use respirators suitable for nuisance dust and eye protection.

Preparing wastes for disposal (container types, neutralization, etc.):

Dispose in bulk or containers according to local dump requirements. No special treatment required.

Note: Dispose of all wastes in accordance with federal, state, and local regulations.

-----**VIII. SPECIAL HANDLING INFORMATION**-----

Ventilation and engineering controls:

Maintain dust level below TLV.

Respiratory protection (type)

Masks suitable for nuisance dust.

Eye Protection (type)

Protective goggles.

Gloves (specify material)

Not required.

Other Clothing and equipment

Not required.

Work practices, hygienic practices

Use good housekeeping to avoid transient dust.

Other handling and storage requirements

Use good housekeeping to avoid transient dust.

Protective measures during maintenance of contaminated equipment

None special other than respirators and goggles.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation with respect to such information is intended or given; and it is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.