



Safety Data Sheet – Spill-Sense™ Universal Granular Absorbent

Trade name: Spill-Sense™

Date of issue: June 1, 2024

SECTION 1: Identification of the chemical substance or mixture and the supplier or manufacturer

Product identifier: Spill-Sense™
Universal & Outdoor Absorbent
CAS: 93763-70-3
Generic Name: Perlite
Chemical Name: Amorphous Alumina Silicate
Formula: Mix

Manufacturer/Importer/Supplier/Distributor information:

Company Name: FireZorb International
Company Address: PO Box 80050, Burlington, Ontario CANADA L7L 6B1
Website: www.spill-sense.com
Company Telephone: 519-421-1400
Emergency phone number: 416-473-1332

SECTION 2: Hazard(s) Identification

Hazardous Components: None
Precautionary phrase: P285 – In case of inadequate ventilation wear respiratory protection (dust mask)
P260 – Avoid breathing dust
P501 – Dispose of contents in accordance with local regulations

SECTION 3: Composition/Information on Ingredients

Ingredient name	CAS Registry Number	Concentration (% weight)
Perlite – expanded	93763-70-3	15mg/m3 total dust 10mg/m3 reparable dust 10mg/m3 other N.A.

No detectable crystalline silica using x-ray diffraction and microscopic analysis

SECTION 4: First-Aid measures

Description of necessary measures:

Inhalation: remove to fresh air, drink water to clear throat, blow nose to clear.

Skin contact: N.A.

Skin absorption: N.A.

Eye contact: flush eyes with water, if irritation persists consult a physician.

Ingestion: N.A.

Persons sensitive to inert dust may experience coughing when exposed to heavy concentration of airborne material.

SECTION 5: Fire-fighting measures

Flash Point: Non-flammable

Flash Point Limits: Non-flammable

LEL: None

UEL: None

Extinguishing Media: Not applicable if unused

SPECIAL NOTE: This absorbent as well as all absorbents when over saturated with a flammable will create vapors and fumes, so clean up immediately.

SECTION 6: Accidental release measures/Measures to be taken in case of accidental spill or accidental release

Emergency procedures: Sweep up and place in container, and dispose of as any inert solid waste, prevent dust or avoid breathing by wearing proper fit tested dust mask.

SECTION 7: Handling and Storage

Conditions for safe storage, including any incompatibles: Store in dry environment, seal torn bags, prevent from becoming wet for best use results.

SECTION 8: Exposure controls/personal protection

Individual protection measures, such as personal protective equipment:

Eye/face protection: Goggles or safety glasses.

Skin and Hand protection: Gloves are not required

Respiratory protection: Respirator if required use n95 respirator mask.
Ventilation sufficient ventilation at all times

SECTION 9: Physical and chemical properties

Appearance:	White
Odor/odour:	None
Boiling Point:	Solid
Vapor point (mmhg):	Solid
Vapor density (air=1):	(Air=1) solid
Solubility in water:	Insoluble
Specific gravity:	(h20=1) Natural = 2.28 Expanded = .08-.20
Melting point:	2400 F
Evaporating rate:	(butyl acetate = 1)

SECTION 10: Stability and reactivity

Stability:	Stable
Conditions to avoid:	None
Incompatibility:	Hydrofluoric acid
Hazardous decomposition/by products:	None
Hazardous polymerization:	Will not occur
Conditions to avoid:	None for designed use

SECTION 11: Toxicological Information

Exposure to prolonged dust by inhalation could cause a noncancerous lung disease.

SECTION 12: Ecological Information

The product is considered inert used material contaminated may have significant differences and should be and should be treated by the SDS of product absorbed.

SECTION 13: Disposal considerations/Information on the disposal of products

Disposal instructions:

Product: Contaminated material should be disposed of by provincial and federal regulations.

SECTION 14: Transport Information

DOT Proper shipping name: Perlite crude

Hazardous Classification: Not classified

Reportable Quantities: Not applicable

North America Number: Not regulated

SECTION 15: Regulatory Information

PCRA Regulatory Information, RCRA. This material is not considered as hazardous waste per 40 CFR 261.

TSCA this material is listed in the TSCA inventory, and is not otherwise regulated by TSCA Sec 4 ,5,6,7 or 12

CERCLA Material is not reported under CERLA.

Canada this product is listed under DSL.

SECTION 16: Other Information

The product is coated with fire retardant invented by Firezorb at a diluted rate of .10 to total product, for use of impregnation, product is clear liquid with no odor.

Toxicological Data:	Lc50 NA LD 50> 5000MG/kg based on aqueous phosphates
Health Hazards:	No health hazards
Inhalation:	NA
Skin:	NA
Eyes:	NA

Based on the nature of this product and the result of toxicity studies which have been performed by the J. Simons Labs at Beirges – Wavre in Belgium, this fluid is to be considered as not being harmful or dangerous specific regulations are therefore not applicable. This ABSORBENT PRODUCT BEING SPILL-SENSE™ IS A NON W.H.I.M.I.S. regulated Product.

Special note: any or all absorbents contaminated with a flammable should be cleaned up immediately and place flammables in a clearly marked container.

As of the date of preparation of this SDS, the material is believed to be accurate to comply with Federal, provincial and State laws. Although no warrant and presentation with respect to this information is given or intended.

Always get current information from FireZorb web site. Prepared and revised by Ron Porter FireZorb International.