

Safety Data Sheet – Spill-Sense™ Bodily Fluid Solidifier

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™ Bodily Fluid Solidifier

CAS: 93763-70-3
Generic Name: Perlite
Chemical Name: Amorphous Alumina Silicate
Formula: Mix

CAS: 09003-04-7
Generic Name: Super Absorbent Polymer
Chemical Name: Sodium Polyacrylate cross linked 20
Formula: Mix

CAS: 8007-46-7
Generic Name: Natural Disinfectant
Chemical Name: Thyme oil
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	80
Sodium Polyacrylate cross linked 20	09003-04-7	19
Thyme oil	8007-04-7	1

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: None flammable

Flash Point Limits: None 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:	Smells of thyme
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: Carcinogenic categories

IARC (International Agency for Research On Cancer)

None of the ingredients are listed

NTP (National toxicology Program)

None Of Ingredients listed

OSHA-CA (Occupational Safety & Health Administration)

None of the ingredients are listed/

SECTION 16: Other Information

This product being Spill-Sense™ Bodily Fluid Solidifier is a NON- W.H.I.M.I.S. regulated product.

ALTHOUGH THIS PRODUCT IS TREATED WITH AN ALL-NATURAL DISINFECTANT, IT SHOULD NOT BE CONSIDERED A DISINFECTANT BUT RATHER A BODY FLUID ABSORBENT SOLIDIFIER.

Also meets or exceeds T.C.L.I.P.S. and paint filter tests.

29CFR 1910 1030 – Bloodborne Pathogens

Universal Precautions is an approach to infection control, according to the concept of universal Precautions, all human blood and certain human body fluids are treated as if known to be infectious for HIV, HBV, and other bloodborne pathogens. the purpose of the blood borne Standard is to limit occupational exposure to blood, body fluids and other potential infectious materials(opim) because any exposure could result in bloodborne pathogen transmission.

Note- The complete Bloodborne Pathogens Standards can be obtained at:
<http://www.osha.gov/sltcbloodbornpathogens/standards.html>

Also Read

OSHA – Five Steps Efficiently Contain and Remove Bloodborne pathogens

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.