



MATERIAL SAFETY DATA SHEET
P2453BTA METALLIZED GLASS SPHERES

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: P2453BTA Metalized Glass Spheres
Product description: Spherical glass powder.
Manufactured for: Prizmalite Industries Inc.
380 Lexington Ave, 17th Floor
New York, NY 10168
24-Hour emergency telephone: 800-424-9300 North America
1-703-527-3887 for international calls (collect calls accepted)

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical and Common Name</i>	<i>CAS Registry Number</i>	<i>Wt. %</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>
Glass, oxide; Aluminum metal coated barium titanate glass	65997-17-3; 7429-90-5 EINECS 266-046-0	~100%	15mg/m ³ total dust, 5mg/m ³ respirable	10 mg/m ³ inhalable, 5 mg/m ³ respirable

SECTION 3

HAZARDS IDENTIFICATION

Emergency Overview: Noncombustible white powder. Spilled material is extremely slippery.
Eye contact: No known hazard.
Skin contact: No known hazard.
Inhalation: No known hazard.
Ingestion: No known hazard..
Chronic hazards: No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.
Physical hazards: Spilled material is extremely slippery.

SECTION 4

FIRST AID MEASURES

Eye: In case of contact, flush with plenty of water.
Skin: None required.
Inhalation: None required.
Ingestion: None required.

SECTION 5

FIRE FIGHTING MEASURES

Flammable limits: This material is noncombustible.
Extinguishing Media: This material is compatible with all extinguishing media
Hazards to fire-fighters: See Section 3 for information on hazards when this material is present in the area of a fire.
Fire-fighting equipment: The following protective equipment for fire fighters is recommended when this material is present in the area of a fire: rubber boots with slip-resistant soles.



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SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal protection: Wear rubber boots with slip-resistant soles, and NIOSH-approved dust respirator where dust occurs. See section 8.

Environmental Hazards: Sinks in water. No known hazard to aquatic life.

Small spill cleanup: Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8.

Large spill cleanup: Keep unnecessary people away; isolate hazard area and deny entry. Do not walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8.

CERCLA RQ: There is no CERCLA Reportable Quantity for this material.

SECTION 7

HANDLING AND STORAGE

Handling: Avoid breathing dust. Keep container closed. Promptly clean up spills.

Storage: Keep containers closed. Store in manufacturer's packaging or clean metal, fiber or plastic containers.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

Respiratory protection: Use a NIOSH-approved dust respirator where dust occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134)

Skin protection: Not required.

Eye protection: Wear safety glasses.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Glass powder

Color: White.

Melting point: Melting point of coating approximately 600° C. Glass spheres soften at >1000° C.

Odor: Odorless

pH: Not applicable.

Density: Approximately 4.5 g/cm³

Solubility in water: Insoluble.

SECTION 10.

STABILITY AND REACTIVITY

Stability: This material is stable under all conditions of use and storage.

Conditions to avoid: None.

Materials to avoid: Dissolves in hydrofluoric acid.

Hazardous decomposition products: None known.



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TOXICOLOGICAL INFORMATION

Acute Data:

This material has not been tested for acute eye irritation potential. Materials of similar composition are classified as practically non-irritating to eyes.

This material has not been tested for acute skin irritation potential. Materials of similar composition are classified as a non-primary irritants.

This material has not been tested for acute oral toxicity. Materials of similar composition had a Single Dose Acute Oral LD50 in rats greater than 5000 mg/kg.

Subchronic Data:

There are no known reports of subchronic toxicity of nonfibrous glass.

Special Studies:

There are no known reports of carcinogenicity of nonfibrous glass. Nonfibrous glass is not listed by IARC, NTP or OSHA as a carcinogen.

SECTION 12.

ECOLOGICAL INFORMATION

Eco toxicity:

There are no known reports of ecotoxicity of nonfibrous glass.

Environmental Fate:

This material is persistent but inert in aquatic systems. It will not bioconcentrate up the food chain.

Physical/Chemical:

Sinks in water. Insoluble in water.

SECTION 13

DISPOSAL CONSIDERATIONS

Classification:

Disposed material is not a hazardous waste.

Disposal Method:

Landfill in accordance with federal, state and local regulations.

SECTION 14.

TRANSPORT INFORMATION

DOT UN Status:

This material is not regulated hazardous material for transportation.

SECTION 15

REGULATORY INFORMATION

CERCLA:

No CERCLA Reportable Quantity has been established for this material.

SARA TITLE III:

Not an Extremely Hazardous Substance under §302 Not a Toxic Chemical under §313.

TSCA:

All ingredients of this material are listed on the TSCA inventory.

16. OTHER INFORMATION

Prepared by:

Prizmalite Industries, Inc.

Supersedes revision of:

8-Aug-08

THE INFORMATION ON THIS SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE AND IS THE BEST INFORMATION AVAILABLE TO PRIZMALITE INDUSTRIES, INC. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONS FOR HANDLING A CHEMICAL BY A PERSON TRAINED IN CHEMICAL HANDLING. PRIZMALITE MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION OR THE PRODUCT TO WHICH IT RELATES, AND ASSUMES NO LIABILITY RESULTING FROM THE USE OR HANDLING OF THE PRODUCT TO WHICH THIS SAFETY DATA SHEET RELATES. USERS AND HANDLERS OF THIS PRODUCT SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION PROVIDED HEREIN FOR THEIR OWN PURPOSES.