

Section 1 - Material Identification

Product: **Expanded PolyStyrene Base (EPSB)** Manufacturer: **Master Wall Inc.**
 Address: **6975 Flat Rock Road**
Midland, GA 31820

Date Issued: **9/3/1997 Revised 1/1/10** Telephone: **706-569-0092**
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Section 2 - Hazard Ingredients/Identity Information

Ingredients	CAS#	OSHA-PEL	ACGIH-TLV	% (optional)
Sand (encapsulated)	14808-60-7	15	10	24.5
Water	7732-18-5	NE	NE	19-20
Acrylic Polymer	N/A	NE	NE	8-Jul
Titanium Dioxide	13463-67-7	NE	5	1
Calcium Carbonate	471-34-1	10	10	31
Aluminum Trihydrate	2164-55-12	10	10	13
Silicates	1318-94-1	10	10	6.5

Section 3 - Physical/Chemical Characteristics

Boiling Point:	Over 212°F	Specific Gravity (H ₂ O=1):	1.0 to 1.2
Vapor Pressure:	N/A	Melting Point:	0°C/32°F Water
Vapor Density (AIR=1):	<1	Evaporation Rate (Butyl Acetate=1):	Equal to water
Solubility in Water:	Dilutable		
Appearance and Odor:	Opaque, off-white, heavy paste, wet stucco-like material. Slight ammonia odor		

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used)	None	Flammable Limits	N/A	LEL		UEL	
Extinguishing Media:	N/A						
Special Fire Fighting Procedures:	None						
Unusual Fire and Explosion Hazards:	None						

Section 5 - Reactivity Data

Stability	Unstable		Conditions to Avoid:	Temps above 177°C/350°F - the onset of polymer decomposition
	Stable	x		
Incompatibility (Materials to Avoid):	There are no known materials which are incompatible			
Hazardous Decomposition or Byproducts:	Thermal decomposition may yield acrylic monomers			
Hazardous Polymerization	May Occur		Conditions to Avoid:	Not Noted
	Will Not Occur	x		

Section 6 - Health Hazard Data

Routes of Entry

Inhalation?

Skin?

Ingestion?

Health Hazards (Acute and Chronic)

Eye: Slight Irritation

Skin: Slight Irritation

Inhalation: Headache, nausea, irritation of nose, throat and lungs

Ingestion: Excessive quantities can cause irritation of digestive track

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Respirable crystalline silica has been listed by IARC as carcinogenic to experimental animals and has developed limited evidence for carcinogenicity to humans, however, IARC has determined that the carcinogenicity to humans is neither certain or proven. The critical regulatory particle size for respirable silica is #10 µm MMAD (as in the PM NAAQS). The crystalline silica in this product is not of dry, respirable form. Respirable silica may be created by grinding operations on the dried film.

Signs and Symptoms of Exposure:

Same as above

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedures

Move to fresh air, wash any affected area, consult physician if irritation persists. If ingested, give 2 glasses of water to during and con physician.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled

Contain spill with inert material (sand, absorbent, dirt)

Return spill to containers and dispose

Keep out of sewers and bodies of water

Keep spectators away - floor may be slippery

Waste Disposal Method

Dispose of material in accordance to local, state and federal regulations

Precautions to be taken in handling and storing

Do not freeze wet materials - may coagulate

Provide sufficient ventilation when applying

Other Precautions

Keep containers cool and dry and in adequate ventilation. Use careful handling with unnecessary exposure avoided.

Section 8 - Control Measures

Respiratory Protection (Specify Type)

Air purifying respirators should be on hand for higher airborne concentrations

Ventilation	Local Exhaust	Min. vel of 11 cfm/min.	Speci
	Mechanical (General)		Other

Protective Gloves:	Neoprene	Eye Protection:	Goggles to avoid eye contact and provide eyewash facilities
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Other Protective Clothing or Equipment

Use adequate clothing to minimize skin contact

Work/Hygienic Practices

Clean clothing on a regular basis

EPA Supplier Notification/Environmental:

This trade name product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Re-authorization Act of 1986 (SARA) and 40 CFR Part 372.

This product contains no ingredients on the list of Extremely Hazardous Substances for SARA Emergency Planning.

Tier I / Tier II Hazard Category (40 CFR 370): Immediate Health Hazard.

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