

Section 1 - Material Identification

Product: **Expanded PolyStyrene Adhesive (EPSA)** Manufacturer: **Master Wall Inc.**
 Date Issued: **9/3/1997 Revised 1/1/10** Address: **6975 Flat Rock Road
Midland, GA 31820**
 Telephone: **706-569-0092**
www.masterwall.com

Section 2 - Hazard Ingredients/Identity Information

Ingredients	CAS#	OSHA-PEL	ACGIH-TLV	% (optional)
Styrene Acrylate Copolymer	-	Not Est.	-	-
2((Hydroxymethyl) Amino) Ethanol	-	Not Est.	-	-
Sodium Hydroxide	-	2 mg/m ³	2 mg/m ³	-
Nopco 8034 (Trade Secret)	-	5 mg/m ³	5 mg/m ³	-
Ester Alcohol	-	Not Est.	-	-
White Spirits	-	100 ppm	Not Est.	-

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:	Viscous, milky gray liquid		

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

This material has not been identified as a carcinogen by NTL, LAPC or OSHA

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 consult 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

Spec

Mechanical (General)

Other

Protective Gloves:

Eye Protection:

Other Protective Clothing or Equipment

Use adequate clothing to minimize skin contact

Work/Hygienic Practices

Clean clothing on a regular basis

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