



Joint Formers

Zip Joint and Expansion Board Cap MATERIAL SAFETY DATA SHEET

Section I - PRODUCT IDENTIFICATION

Manufacturer:	BoMetals, Inc. 141 Hammond Street Carrollton, GA 30117	Information Phone:	770-832-2000
		Emergency Phone:	770-832-2000
Product Class:	Organic Polymer (Polystyrene)	Hazard Ratings:	Health - 0
Trade Name:	Zip Joint and Expansion Board Cap	None -> Extreme	Fire - 0
Product Code:	1010, 1011, 1012, 1018, 1019, 1020, 1021, 1022	0 -> 4	Reactivity - 0
C.A.S. Number:	9003-53-5		
MSDS Date:	12-19-05		

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Weight %	Exposure Limits		VP Mm/ HG
			ACGIH/TLV PEL	OSHA/	
Polystyrene	9003-53-6	90% minimum			
Polybutadiene	9003-17-2	Up to 10%			
Mineral Oil		1-2.5%			

*29CFR 1910.1200 requires identification of any component that is 1% of the formulation, or 0.1%, if the component is carcinogenic.

SECTION III - PHYSICAL DATA

Boiling Range:	N/A	Vapor Density:	Non Volatile
Vapor Pressure:	N/A	Glass Transition: (Polystyrene)	ca. 110 degrees C
Solubility In Water:	Insoluble	Spec. Gravity: (Polystyrene)	ca. 1.1
Appearance:	Natural, White, or colored pellets, or beads	(Mineral Oil if present)	0.85
Odor:	Odorless		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Auto Ignition Temp: (Polystyrene) 880-915F
(Mineral Oil, if present) 420F (Closed Cup)
Flammability Limits (LEL): N/A

Flash Point: (Polystyrene) 650F (Tag Open Cup)

Flammability Limits (UEL): N/A

-EXTINGUISHING MEDIA:

Water Fog – CO2 – Foam – Dry Chemical

-SPECIAL FIREFIGHTING PROCEDURES:

Use approved self-contained breathing apparatus and fire-fighting gear. Dense black smoke during fire will obscure vision.

-UNUSUAL FIRE AND EXPLOSION HAZARDS:

Produces dense black smoke while burning.

Section V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

N/A

-EFFECTS OF OVEREXPOSURE:

General: None expected.

Breathing: None expected.

Skin: None expected.

Eye: Minor irritation from particles.

Ingestion: Biologically inert.

Chronic Exposure: No adverse effects expected.

-FIRST AID:

Breathing: None under normal circumstances.

Skin: Not expected to require first aid.

Eye: Usual first aid for foreign body irritation.

Ingestion: Not expected to require first aid.

-SAFETY PRECAUTIONS: None under normal circumstances.

-AGGRAVATION OF MEDICAL CONDITIONS: None expected.

Section VI - REACTIVITY DATA

STABILITY: () Unstable (x) Stable
HAZARDOUS POLYMERIZATION: () May occur (x) Will not occur
-INCOMPATIBILITY:
Organic solvents, oil products
-CONDITIONS TO AVOID:
Organic solvents may dissolve this material.
-HAZARDOUS DECOMPOSITION PRODUCTS;
Carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Section VII - SPILL OR LEAK PROCEDURES

-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up and return to container.

-WASTE DISPOSAL METHOD:

Recycle, landfill or incinerate according to local, state and federal regulations.

Section VIII - SPECIAL PROTECTION INFORMATION

-RESPIRATORY PROTECTION:

None under normal conditions.

-EYE PROTECTION:

The wearing of safety glasses is consistent with good industrial safety practices.

-OTHER PROTECTIVE EQUIPMENT;:

NONE

Section IX - SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Wash with soap and water after handling.

-OTHER PRECAUTIONS:

Avoid breathing decomposition products.

USER'S RESPONSIBILITY

This MSDS cannot cover all possible situations the use may experience during processing. Each aspect of the user's operation should be examined to determine if additional precautions may be necessary. All health and safety information contained herein should be provided to the user's employees. The user must be relied upon to utilize this information to develop appropriate work practice guidelines and employee instructional programs for his operation. Test all end uses thoroughly to assure appropriate material selection.

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