



# TPER Waterstop

## 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:	Thermoplastic Polyolefin	Hazard Ratings:	Health - 0
Trade Name:	TPER Waterstop	None -> extreme	Fire - 1
Product Code:	TCB-4316, TCB-6316, etc...	0 → 4	Reactivity - 0
C.A.S. Number:	MIXTURE		
MSDS Date:	September 2008		

### SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Weight %</u>	<u>Exposure Limits</u> <u>ACGIH/TLV OSHA/PEL</u>	<u>VP</u> <u>Mm/ HG</u>
Ethylene Propylene Terpolymer	25038-36-2	0-30		
Ethylene Propylene Diene Copolymer		30-80		
High Density Polyethylene Homopolymer		20-70		
Colorant		0-5		

This product in its purchased form is not subject to SARA 302 or 311/312 reporting

\*Toxic chemical as defined by OSHA, 29CFR 1910.1200 and subject to SARA Title III, Section 313 reporting requirements.

### SECTION III - PHYSICAL DATA

Boiling Range:	N/A	Vapor Density:	Non Volatile
Evaporation Rate:	Non Volatile	Liquid Density:	Heavier than Water
Volatiles, vol. %<0.005	Wgt % <0.005	Spec. Gravity:	0.9
Appearance:	Opaque Profile in lengths		
V.O.C.:	<0.01%		

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flammability Class: 1

Flash Point: >600F F

LEL: NONE

UEL: 0.00%

-EXTINGUISHING MEDIA:

Carbon dioxide – Dry Chemical – Foam – Water(recommended)

-SPECIAL FIREFIGHTING PROCEEDURES:

Wear self-contained breathing apparatus (SCBA) in positive pressure mode. Personnel not having suitable respiratory protection must leave the area to prevent significant exposure to combustion gases from any source. In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase of fire fighting operations.

-UNUSUAL FIRE AND EXPLOSION HAZARDS:

Combustion of TPO Products liberates carbon monoxide, carbon dioxide, various and partially oxidized hydrocarbons.

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## Section V - HEALTH HAZARD DATA

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-PERMISSIBLE EXPOSURE LEVEL:

N/A

-EFFECTS OF OVEREXPOSURE:

Breathing: At processing temperatures, TPO may release vapors which can be mildly irritating to some persons. This can be controlled by proper ventilation.

Skin: Thermal burns will occur if molten compound comes in contact with unprotected skin.

-FIRST AID:

Skin: Treat burns the same as any other thermal burn.

Breathing: Move affected person to fresh air. If breathing is difficult, administer oxygen. Get medical attention if difficulty persists.

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## Section VI - REACTIVITY DATA

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STABILITY:

( ) Unstable

( x ) Stable

HAZARDOUS POLYMERIZATION:

( ) May occur

( x ) Will not occur

-INCOMPATIBILITY:

Stable

-CONDITIONS TO AVOID:

Combustion or decomposition liberates carbon monoxide, carbon dioxide, various and partially oxidized hydrocarbons.

-HAZARDOUS DECOMPOSITION PRODUCTS;:

CO<sub>2</sub>, CO

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## Section VII - SPILL OR LEAK PROCEDURES

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

Sweep up and return to container.

-WASTE DISPOSAL METHOD:

Landfill disposal is usually acceptable; check current local, state and federal regulations.

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## Section VIII - SPECIAL PROTECTION INFORMATION

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-RESPIRATORY PROTECTION:

With adequate ventilation consistent with good industrial workplace practices, there should be no need to use a respirator during normal processing of TPO; however, if air monitoring results show concentrations exceeding those limits listed for chemicals in Section II, wear a NIOSH/MSHA-approved respirator specific for those chemicals. Comply with OSHA 1910.134 (29 CFR)

-VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to afford good air-exchange in the work place consistent with good industrial hygiene practices.

-PROTECTIVE GLOVES:

Heat insulating.

-EYE PROTECTION:

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

-OTHER PROTECTIVE EQUIPMENT;:

NONE

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## Section IX - SPECIAL PRECAUTIONS

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-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 user 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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