

MATERIAL SAFETY DATA SHEET

MSDS 0216

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Biostop Fire Rated Putty Pad/Stick
PRODUCT CODES: 66336, 66490, 66495
CHEMICAL FAMILY: Organic/Inorganic
USE: Firestopping Sealant
MANUFACTURER'S NAME: The RectorSeal Corporation
EMERGENCY TELEPHONE NO.: Chemtrec 24 Hours (800) 424-9300
DATE OF VALIDATION: July 26, 2011
TECHNICAL SERVICE TELEPHONE NO.: (800)231-3345 or (713)263-8001

Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS: None
HEALTH HAZARDS
Acute Toxicity:
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified
Aspiration Toxicity: Not Classified

ENVIRONMENTAL HAZARDS
Hazardous to the Aquatic Environment: Not Classified
Acute aquatic toxicity: Not Classified
Chronic aquatic toxicity: Not Classified
Bioaccumulation potential: Not Classified
Rapid degradability: Not Classified

GHS Label elements, including precautionary statements
Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements:
P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.

Classification according to EU Directives 67/548/EEC or 1999/45/EC
LABELING SYMBOLS: None
RISK R-PHRASES: None
SAFETY S-PHRASES:
S2 : Keep out of the reach of children.

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SUMMARY OF ACUTE HAZARDS

May cause skin irritation.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Not a respiratory irritant.

EYE CONTACT

Contact may cause eye irritation.

SKIN CONTACT

Contact may cause skin irritation.

INGESTION

Possible irritation to mucous membranes of the mouth, throat, and stomach.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Persons with pre-existing skin conditions or chemical allergies may be more susceptible to contact effects of product.

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**Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS**  
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INGREDIENT: Triazine Triamine Phosphate

PERCENTAGE BY WEIGHT: --

CAS NUMBER: 41583-09-9

EC# : 255-449-7

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INGREDIENT: Calcium Borate

PERCENTAGE BY WEIGHT: --

CAS NUMBER: 12007-56-6

EC# : 237-559-7

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INGREDIENT: Polyphosphoric Acid

PERCENTAGE BY WEIGHT: --

CAS NUMBER: 68333-79-9

EC# : 269-789-9

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INGREDIENT: Isodecyldiphenyl Ester

PERCENTAGE BY WEIGHT: --

CAS NUMBER: 29761-21-5

EC# : Not listed  
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**Section 4 -- FIRST AID MEASURES**  
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If INHALED: Not a respiratory irritant.

If on SKIN: Wash with soap and water. If irritation occurs, seek medical attention.

If in EYES: Immediately flush with large amounts of water. If irritation occurs, seek medical attention.

If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.  
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**Section 5 -- FIRE FIGHTING MEASURES**  
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EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat may build up and rupture closed containers.  
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**Section 6 -- ACCIDENTAL RELEASE MEASURES**  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and

soil. Wear protective clothing during clean up.

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**Section 7 -- HANDLING AND STORAGE**  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. To prevent freezing and possible rupture of container, do not store below 35 F.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

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**Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION**  
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INGREDIENT	UNITS		
Triazine Triamine Phosphate			
ACGIH TLV	N/D	ppm	
OSHA PEL	N/D	ppm	

Calcium Borate			
ACGIH TLV	N/D	ppm	
OSHA PEL	N/D	ppm	

Polyphosphoric Acid			
ACGIH TLV	N/D	ppm	
OSHA PEL	N/D	ppm	

Isodecyldiphenyl Ester			
ACGIH TLV	N/D	ppm	
OSHA PEL	N/D	ppm	

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: N/A

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

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**Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES**  
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BOILING POINT:	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.48
VAPOR PRESSURE (mm Hg):	N/A
MELTING POINT:	N/A
VAPOR DENSITY (AIR = 1):	N/A
EVAPORATION RATE (ETHYL ACETATE = 1):	N/A
APPEARANCE/ODOR:	Pink / Slight Odor
SOLUBILITY IN WATER:	Insoluble
VOLATILE ORGANIC COMPOUNDS(VOC)Content (Theoretical Percentage By Weight):	<1% or <10 g/L
FLASH POINT	None
LOWER EXPLOSION LIMIT	N/D
UPPER EXPLOSION LIMIT	N/D

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**Section 10 -- STABILITY AND REACTIVITY**  
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STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub> and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

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**Section 11 -- TOXICOLOGY INFORMATION**  
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**CHRONIC HEALTH HAZARDS**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

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**TOXICOLOGY DATA**

Ingredient Name

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Triazine Triamine Phosphate  
    Oral-Rat LD50:N/D  
    Inhalation-Rat:N/D  
Calcium Borate  
    Oral-Rat LD50:5600 mg/kg  
    Inhalation-Rat:N/D  
Polyphosphoric Acid  
    Oral-Rat LD50:N/D  
    Inhalation-Rat:N/D  
Isodecyldiphenyl Ester  
    Oral-Rat LD50:N/D  
    Inhalation-Rat:N/D  
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**Section 12 -- Ecological Information**  
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**ECOLOGICAL DATA**

Ingredient Name

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Triazine Triamine Phosphate  
    Food Chain Concentration Potential      N/D  
    WATERFOWL TOXICITY                      N/D  
    BOD                                        N/D  
    AQUATIC TOXICITY                        N/D  
Calcium Borate  
    Food Chain Concentration Potential      N/D  
    WATERFOWL TOXICITY                      N/D  
    BOD                                        N/D  
    AQUATIC TOXICITY                        N/D  
Polyphosphoric Acid  
    Food Chain Concentration Potential      N/D  
    WATERFOWL TOXICITY                      N/D  
    BOD                                        N/D  
    AQUATIC TOXICITY                        N/D  
Isodecyldiphenyl Ester  
    Food Chain Concentration Potential      N/D  
    WATERFOWL TOXICITY                      N/D  
    BOD                                        N/D  
    AQUATIC TOXICITY                        N/D  
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**Section 13 -- DISPOSAL CONSIDERATIONS**  
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Waste Classification: Non-regulated solid waste  
Disposal Method:      Approved landfill  
Waste from this product is not considered hazardous as defined under the  
Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in  
accordance with Federal, State, and Local regulation regarding pollution.

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**Section 14 -- TRANSPORTATION INFORMATION**  
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DOT:                    Non-Regulated  
OCEAN (IMDG):        Non-Regulated  
AIR (IATA):           Non-Regulated  
WHMIS (CANADA):      Non-Regulated

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**Section 15 -- REGULATORY INFORMATION**  
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REGULATORY DATA

Ingredient Name

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Triazine Triamine Phosphate		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Calcium Borate		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Polyphosphoric Acid		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A
Isodecyldiphenyl Ester		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	N/A
	RCRA Code	N/A

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**Section 16 -- OTHER INFORMATION**  
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LABELING SYMBOLS: None

RISK R-PHRASES: None

SAFETY S-PHRASES:

S2 : Keep out of the reach of children.

This document is prepared pursuant to 91/155/EEC ISO 11014-1. The information herein is given in good faith, but no warranty, expressed or implied is made.



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