



**SAFETY DATA SHEET**

**METACAULK® FIRE-RATED  
PUTTY PADS**

Fire-rated pad for electrical outlet boxes

**SECTION 1 – PRODUCT AND COMPANY INFORMATION**

Product Name  
Metacaulk® Fire-Rated Putty Pad

Product Codes  
66335, 66340

Chemical Family  
Organic/Inorganic

Use  
Firestopping sealant

Manufacturer's Name  
The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

Date of Validation  
January 23, 2015

Date of Preparation  
March 20, 2011

HMIS Codes  
Health 1  
Flammability 0  
Reactivity 0  
PPI B

Emergency Telephone No.  
Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International  
  
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



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# METACALK® FIRE-RATED PUTTY PADS

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.

**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 the cured elastomer.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient:</b>	Triazine Triamine Phosphate
Percentage by weight:	--
CAS Number:	41583-09-9
EC#:	255-449-7



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**METACALK® FIRE-RATED PUTTY PADS**

**Ingredient:** Calcium Borate  
 Percentage by weight: --  
 CAS Number: 12007-56-6  
 EC#: 237-559-7

**Ingredient:** Polyphosphoric Acid  
 Percentage by weight: --  
 CAS Number: 68333-79-9  
 EC#: 269-789-9

**Ingredient:** Isodecyldiphenyl Ester  
 Percentage by weight: --  
 CAS Number: 29761-21-5  
 EC#: Not listed

**SECTION 4 – FIRST AID MEASURES**

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.

**SECTION 5 – FIRE FIGHTING MEASURES**

**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.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**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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# METACALK® FIRE-RATED PUTTY PADS

## SECTION 7 – HANDLING AND STORAGE

**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.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Units
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**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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# METACALK® FIRE-RATED PUTTY PADS

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	N/A
Specific gravity (H <sub>2</sub> O = 1):	1.48
Vapor pressure (mmHg):	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:	None
Upper explosion limit:	None

## SECTION 10 – STABILITY AND REACTIVITY

**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.

## SECTION 11 – TOXICOLOGY INFORMATION

### Chronic Health Hazards

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

Toxicology Data

Ingredient Name

#### Triazine Triamine Phosphate

Oral-Rat LD50:	N/D
Inhalation-Rat:	N/D

#### Calcium Borate

Oral-Rat LD50:	5600 mg/kg
Inhalation-Rat:	N/D



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**METACALK® FIRE-RATED PUTTY PADS**

**Polyphosphoric Acid**

Oral-Rat LD50: N/D  
 Inhalation-Rat: N/D

**Isodecyldiphenyl Ester**

Oral-Rat LD50: N/D  
 Inhalation-Rat: N/D

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecological Data**

Ingredient Name: **Triazine Triamine Phosphate**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Calcium Borate**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Polyphosphoric Acid**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Isodecyldiphenyl Ester**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D



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# METACALK® FIRE-RATED PUTTY PADS

## SECTION 13 – DISPOSAL CONSIDERATIONS

**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.

## SECTION 14 – TRANSPORTATION INFORMATION

DOT: Non-regulated  
 Ocean (IMDG): Non-regulated  
 Air (IATA): Non-regulated  
 WHMIS (Canada): Non-regulated

## SECTION 15 – REGULATORY INFORMATION

### Regulatory Data

Ingredient Name: **Triazine Triamine Phosphate**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Calcium Borate**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Polyphosphoric Acid**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A



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**METACALK® FIRE-RATED PUTTY PADS**

**Regulatory Data (cont.)**

Ingredient Name:	<b>Isodecyldiphenyl Ester</b>
SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

**SECTION 16 – OTHER INFORMATION**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001



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**SAFETY DATA SHEET**

**METACAULK® FIRE-RATED  
PUTTY STICKS**

Fire-rated sticks for electrical outlet boxes

**SECTION 1 – PRODUCT AND COMPANY INFORMATION**

Product Name  
Metacaulk® Fire-Rated Putty Sticks

Product Codes  
66345

Chemical Family  
Organic/Inorganic

Use  
Firestopping sealant

Manufacturer's Name  
The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

Date of Validation  
January 23, 2015

Date of Preparation  
March 20, 2011

HMIS Codes  
Health 1  
Flammability 0  
Reactivity 0  
PPI B

Emergency Telephone No.  
Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International  
  
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



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# METACAULK® FIRE-RATED PUTTY STICKS

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.

**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 the cured elastomer.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient:</b>	Triazine Triamine Phosphate
Percentage by weight:	--
CAS Number:	41583-09-9
EC#:	255-449-7



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**METACAULK® FIRE-RATED PUTTY STICKS**

**Ingredient:** Calcium Borate  
 Percentage by weight: --  
 CAS Number: 12007-56-6  
 EC#: 237-559-7

**Ingredient:** Polyphosphoric Acid  
 Percentage by weight: --  
 CAS Number: 68333-79-9  
 EC#: 269-789-9

**Ingredient:** Isodecyldiphenyl Ester  
 Percentage by weight: --  
 CAS Number: 29761-21-5  
 EC#: Not listed

**SECTION 4 – FIRST AID MEASURES**

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.

**SECTION 5 – FIRE FIGHTING MEASURES**

**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.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**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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# METACAULK® FIRE-RATED PUTTY STICKS

## SECTION 7 – HANDLING AND STORAGE

**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.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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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**METACAULK® FIRE-RATED PUTTY STICKS**

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Boiling point:	N/A
Specific gravity (H2O = 1):	1.48
Vapor pressure (mmHg):	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:	None
Upper explosion limit:	None

**SECTION 10 – STABILITY AND REACTIVITY**

**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.

**SECTION 11 – TOXICOLOGY INFORMATION**

**Chronic Health Hazards**

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

Toxicology Data

Ingredient Name

**Triazine Triamine Phosphate**

Oral-Rat LD50:	N/D
Inhalation-Rat:	N/D

**Calcium Borate**

Oral-Rat LD50:	5600 mg/kg
Inhalation-Rat:	N/D



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**Polyphosphoric Acid**

Oral-Rat LD50: N/D  
 Inhalation-Rat: N/D

**Isodecyldiphenyl Ester**

Oral-Rat LD50: N/D  
 Inhalation-Rat: N/D

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecological Data**

Ingredient Name: **Triazine Triamine Phosphate**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Calcium Borate**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Polyphosphoric Acid**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Isodecyldiphenyl Ester**

Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D



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# METACAULK® FIRE-RATED PUTTY STICKS

## SECTION 13 – DISPOSAL CONSIDERATIONS

**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.

## SECTION 14 – TRANSPORTATION INFORMATION

DOT: Non-regulated  
 Ocean (IMDG): Non-regulated  
 Air (IATA): Non-regulated  
 WHMIS (Canada): Non-regulated

## SECTION 15 – REGULATORY INFORMATION

### Regulatory Data

Ingredient Name: **Triazine Triamine Phosphate**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Calcium Borate**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Polyphosphoric Acid**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A



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**METACAULK® FIRE-RATED PUTTY STICKS**

**Regulatory Data (cont.)**

Ingredient Name:	<b>Isodecyldiphenyl Ester</b>
SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

**SECTION 16 – OTHER INFORMATION**

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