



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: MP1 - Putty Pad **Product Code:** PPF
Product Type: Intumescent Putty Stick **Use:** One-component sealant designed to seal around electrical outlet boxes against spread of fire, smoke fumes and toxic gases
Chemical Family: Organic/Inorganic

Company Address:
 Passive Fire Protection Partners
 1412 Derwent Way
 Delta, BC V3M 6H9
 Canada

Contact Information:
 Telephone: 800.810.1788
 MEDICAL EMERGENCY Phone: Poison Control Center
 1-877-671-4608 (toll free) or 1-303-592-1711
 TRANSPORT EMERGENCY Phone: CHEMTREC
 1-800-424-9300 (toll free) or 1-703-527-3887
 Internet: www.firestop.com

SECTION 2. HAZARDS IDENTIFICATION

Summary Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use in a manner that avoids generating dust. Do not ingest. If ingested consult physician immediately and show this Safety Data Sheet. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.

GHS CLASSIFICATION

Physical Hazards: None

Hazard 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 Labels Elements

Pictogram: None

Signal Word: None

Hazards Statement: None

Precautionary Statements: P102 - Keep out of reach of children.
 P264 - Wash hands thoroughly after handling.

Summary of Acute Hazards: May cause skin irritation

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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

Hazardous Components	CAS NUMBER	EC#
Triazine Triamine Phosphate	41583-09-9	255-449-7
Calcium Borate	12007-56-6	237-559-7
Polyphosphoric Acid	68333-79-9	269-789-9
Isodecyldiphenyl Ester	29761-21-5	Not Listed

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protection.

SECTION 4. FIRST AID MEASURES

- Inhalation:** Not a respiratory irritant.
- Skin contact:** Wash with soap and water. If irritation occurs, seek medical attention.
- Eye contact:** Immediately flush with large amounts of water. If irritation occurs, seek medical attention.
- Ingestion:** 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

- Suitable 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.

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

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components					
Triazine Triamine Phosphate	ACGIH TLV OSHA PEL	N/D ppm N/D ppm			
Calcium Borate	ACGIH TLV OSHA PEL	N/D ppm N/D ppm			
Polyphosphoric Acid	ACGIH TLV OSHA PEL	N/D ppm N/D ppm			
Isodecyldiphenyl Ester	ACGIH TLV OSHA PEL	N/D ppm 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)

Feet: Wear safety shoes.

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.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

Colour: Pink

Odour: Slight

Odor threshold: Not available

pH: Not available

Vapor pressure: Not available

Boiling point/range: Not available

Freezing point/range: Not available

Melting point/range: Not available

Specific gravity: 1.48 (Water = 1)

Flash point: Not applicable

Flammable / Explosive limits - lower: Not applicable

Flammable / Explosive limits - upper: Not applicable

Autoignition temperature: Not applicable

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Replaces Version:

Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Vapour density	Not applicable (Air = 1)
Volatile Organic Compounds (VOC) Content:	< 1% or < 10 g/L
(theoretical percentage by weight):	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable
Possibility of hazardous reactions: (Including polymerizations)	Hazardous polymerization will not occur under recommended storage.
Hazardous decomposition products:	CO, CO2 and fragmented hydrocarbons.
Incompatible materials:	None known
Conditions to avoid:	None

SECTION 11. TOXICOLOGICAL INFORMATION

Chronic Health Hazards: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Numerical measures of toxicity:	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

SECTION 12. ECOLOGICAL INFORMATION

Ecological Data:

Ingredient Name: Triazine Triamine Phosphate
Food Chain Concentration Potential: N/D
Waterfowl Toxicity: N/D
Aquatic Toxicity: N/D

Ingredient Name: Calcium Borate
Food Chain Concentration Potential: N/D
Waterfowl Toxicity: N/D
Aquatic Toxicity: N/D

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Ingredient Name: Polyphosphoric Acid
Food Chain Concentration Potential: N/D
Waterfowl Toxicity: N/D
Aquatic Toxicity: N/D

Ingredient Name: Isodecyldiphenyl Ester
Food Chain Concentration Potential: N/D
Waterfowl Toxicity: N/D
Aquatic Toxicity: N/D

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. TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label	Additional Information
DOT Classification	Not regulated	-	-	-	-	-
Ocean (IMDG)	Not regulated	-	-	-	-	-
Air (IATA)	Not regulated	-	-	-	-	-
WHIMIS (Canada)	Not 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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Replaces Version:

Ingredient Name: Isodecylidiphenyl Ester
SARA 313: No
TSCA Inventory: Yes
CERCLA RQ: N/A
RCRA Code: N/A

SECTION 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections:

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.

Prepared by: Chemical Laboratory

Issue date: June 1, 2015

Other

information

REFERENCES:

- Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, <http://hazmap.nlm.nih.gov/index.php>
- TOXNET Databases, Toxicology Data Network, NIH U.S. National Library of Medicine, <http://toxnet.nlm.nih.gov/>
- Service du répertoire toxicologique de la Commission de la santé et de la sécurité du travail (CSST), <http://www.reptox.csst.qc.ca>
- OECD Existing Chemicals Database, Chemicals Screening Information DataSet (SIDS) for High Volume Chemicals, UNEP publications, <http://webnet.oecd.org/HPV/UI/Search.aspx>
- ACGIH: American Conference of Governmental Industrial Hygienists
- AIHA: American Industrial Hygiene Association
- HMIS: Hazardous Materials Identification System
- NFPA: National Fire Protection Association
- OSHA: Occupational Safety and Health Administration (USA)
- NIOSH: National Institute for Occupational Safety and Health
- NTP: National Toxicology Program
- RSST: Règlement sur la santé et la sécurité du travail (Québec)
- GHS: Globally Harmonized System
- IARC: International Agency for Research on Cancer
- IDLH: Immediately Dangerous to Life or Health
- STEL: Short Term Exposure Limit (15 min)
- TWA: Time Weighted Averages
- WHMIS: Workplace Hazardous Materials Information System

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