

Safety Data Sheet (SDS)

OSHA Haz Com Standard 29 CFR 1910.1200.

Revision Date: 01/06/2015 Version: 1.0 Replaces Version:

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:Contact Information:Passive Fire Protection PartnersTelephone: 800.810.1788

1412 Derwent Way MEDICAL EMERGENCY Phone: Poison Control Center

Delta, BC V3M 6H9 1-877-671-4608 (toll free) or 1-303-592-1711
Canada 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:NoneSignal Word:NoneHazards 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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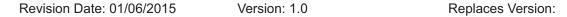
SDS - MP

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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 Persons with pre-existing skin conditions or chemical allergies may be more susceptible to

AGGRAVATED BY EXPOSURE: 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:

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

Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways

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

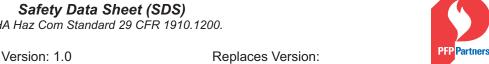
pH: Not available Not available Vapor pressure: Boiling point/range: Not available Freezing point/range: Not available Melting point/range: Not available Specific gravity: 1.48 (Water = 1) Flash point: Not applicable Flammable / Explosive limits - lower: Not applicable Flammable / Explosive limits - upper: Not applicable Autoignition temperature: Not applicable

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Evaporation rate: Not applicable Solubility in water: Insoluble

Vapour density Not applicable (Air = 1)

Volatile Organic Compounds (VOC)

< 1% or < 10 g/L

Content:

Revision Date: 01/06/2015

(theoretical percentage by weight): Not applicable

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable

Possibility of hazardous reactions:

Hazardous polymerization will not occur under recommended storage.

(Including polymerizations) 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

Triazine Triamine Phosphate

toxicity:

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:

Triazine Triamine Phosphate Ingredient Name:

Food Chain Concentration Potential:

Waterfowl Toxicity: Aquatic Toxicity: N/D

Ingredient Name: Calcium Borate

Food Chain Concentration Potential:

Waterfowl Toxicity: N/D Aquatic Toxicity: N/D





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Ingredient Name: Polyphosphoric Acid

Food Chain Concentration Potential: N/D

> Waterfowl Toxicity: Aquatic Toxicity: N/D

Ingredient Name: Isodecyldiphenyl Ester

Food Chain Concentration Potential:

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

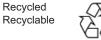
SARA 313: No TSCA Inventory: Yes CERCLA RQ: N/A RCRA Code: N/A

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

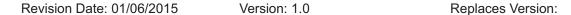


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Ingredient Name: Isodecyldiphenyl Ester

SARA 313: TSCA Inventory: Yes CERCLA RQ: N/A RCRA Code: N/A

SECTION 16. OTHER INFORMATION

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

June 1, 2015 Issue date: REFERENCES: Other

- 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.gc.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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