



Fire Protection Products, Inc.  
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Carlsbad, CA 92010  
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# SAFETY DATA SHEET

Last Updated: 07-20-2015

Section 1		IDENTIFICATION
<b>PipeFit®</b>		
<u>PipeFit Pint BIC</u> <u>PipeFit Qt. Flat top</u> <u>PipeFit Qt. BIC</u>	<u>PipeFit 5 gal</u> <u>PipeFit 55 gal</u>	
<u>Manufacturer Information</u> Fire Protection Products, Inc. 3198 Lionshead Avenue Carlsbad, CA 92010 Phone: (760) 599-1168 Fax: 1-800-344-3775	<u>Emergency Contact</u> CHEMTREC 1300 Wilson Boulevard Arlington, VA 22209-2380 Phone: (800)424-9300 International: +1 (703) 527-3887	
<b>Product Use</b>	Pipe thread sealant	
Section 2		HAZARDS IDENTIFICATION
<b>Hazard Classification</b>	Non-hazardous	
Eye Irrit. 2A, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412	Warning	
<b>Hazard Statements</b>	Causes eye irritation May cause skin irritation May cause respiratory irritation	
<b>Precautionary Statements</b>	Avoid contact with skin and eyes. Do not breathe fumes. Always wash hands immediately after handling this product, and once again before leaving the workplace.	
<b>Prevention</b>	Avoid contact with skin and eyes. Wear suitable gloves. Do not eat, drink, or smoke when using this product.	

<b>Response</b>	<p>IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs; get medical advice/attention.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable during breathing.</p> <p>IF IN EYES: Immediately flush eyes with plenty of water. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain medical attention if pain, blinking or redness persists.</p> <p>Never give anything by mouth to an unconscious person. Get medical attention/advice if you feel unwell.</p>	
<b>Storage</b>	<p>Storage conditions: Keep container closed when not in use.</p> <p>Incompatible products: Strong acids. Strong bases. Strong oxidizers. Solvents.</p> <p>Heat and ignition sources: Keep away from heat, sparks and flame.</p> <p>Prohibitions on mixed storage: Incompatible materials.</p> <p>Storage area: Store in dry, cool, well-ventilated area.</p>	
<b>Disposal</b>	<p>Sewage disposal recommendations: Do not dispose of waste into sewer.</p> <p>Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.</p> <p>Ecology - waste materials: Avoid release to the environment.</p>	
<b>Section 3 COMPOSITION/INFORMATION ON INGREDIENTS</b>		
<b>Component Name</b>	<b>CAS Number</b>	<b>0 - 0.22</b>
Phosphorodithioic acid, O,O-di-C1-14- alkyl esters, zinc salts	68649-42-3	0 - 0.22
<b>Section 4 FIRST AID MEASURES</b>		
<b>Inhalation</b>	May cause irritation, coughing, shortness of breath.	
<b>Skin</b>	Wash with plenty of soap and water. If skin irritation occurs; get medical advice/attention.	
<b>Eye</b>	Immediately flush eyes with plenty of water. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain medical attention if pain, blinking or redness persists.	
<b>Ingestion</b>	Get medical advice/attention if you feel unwell.	
<b>Symptoms</b>	Inhalation may cause: irritation, coughing, shortness of breath.	
<b>Medical Care</b>	Treat symptomatically. Never give anything by mouth to an unconscious person. Get medical attention/advice if you feel unwell.	
<b>Section 5 FIRE FIGHTING MEASURES</b>		
<b>Flash Point</b>	150 °C	
<b>Extinguishing Media</b>	Carbon dioxide. Dry chemical. Foam. Water Spray.	
<b>Special Firefighting Procedures/Equipment</b>	<p>Firefighting instructions: Cool adjacent structures and containers with water spray to protect and prevent ignition.</p> <p>Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Remove all unprotected personnel.</p>	
<b>Unusual Fire and Explosion Hazards</b>	<p>Fire hazard: Burning produces irritating, toxic and noxious fumes.</p> <p>Explosion hazard: Product is not explosive.</p> <p>Reactivity: No dangerous reactions known.</p>	

<b>Additional Information</b>	No known unsuitable extinguishing media.		
<b>Section 6</b>		<b>ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions</b>	General Measures: Avoid contact with skin and eyes. Wear suitable gloves. Emergency Responders: Wear suitable gloves. Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate area.		
<b>Environmental Precautions</b>	Prevent entry to sewers and public waters.		
<b>Methods and Materials Use for Containment</b>	Do not allow minor leaks or spills to accumulate on walking surfaces. Contain and collect as any solid.		
<b>Methods for Clean Up</b>	Section 13: disposal information. Section 7: safe handling.		
<b>Section 7</b>		<b>HANDLING AND STORAGE</b>	
<b>Handling</b>	Avoid contact with skin and eyes. Do not breathe fume. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Do not eat, drink or smoke when using this product.		
<b>Storage</b>	Storage conditions: Keep container closed when not in use. Incompatible products: Strong acids. Strong bases. Strong oxidizers. Solvents. Heat and ignition sources: Keep away from heat, sparks and flame. Prohibitions on mixed storage: Incompatible materials. Storage area: Store in dry, cool, well-ventilated area.		
<b>Section 8</b>		<b>EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>	
<b>Exposure Guidelines</b>			
<b>Components</b>	<b>CAS-No.</b>	<b>Type</b>	<b>Value</b>
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	ACGIH: not applicable OSHA: not applicable	No established limit.
<b>Engineering Controls</b>	Avoid creating mist or spray. Ensure good ventilation of the work station.		
<b>Personal Protection</b>	Eye protection: None under normal use.		
	Hand protection: In case of repeated or prolonged contact wear gloves.		
	Respiratory Protection: None under normal use.		
<b>General Measures</b>	Keep out of reach of children. Do not eat, drink or smoke when using this product.		
<b>Section 9</b>		<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance:</b> White paste		<b>Evaporation Rate:</b> No data available	
<b>Odor:</b> Mild		<b>Flammability:</b> No data available	
<b>Odor Threshold:</b> No data available		<b>Upper/lower Flammability and/or Explosive Limits:</b> No data available	
<b>pH:</b> No data available		<b>Vapor Pressure:</b> No data available	
<b>Melting Point/Freezing Point:</b> No data available		<b>Vapor Density:</b> No data available	
<b>Boiling Point and Boiling Range:</b> 177 °C		<b>Relative Density:</b> 1.48	

<b>Flash Point:</b> 150 °C	<b>Solubility:</b> Insoluble in water
<b>Partition Coefficient:</b> No data available	<b>Auto-Ignition Temperature:</b> No data available
<b>Decomposition Temperature:</b> No data available	<b>Viscosity:</b> No data available
<b>VOC content:</b> 0 g/L	
<b>Section 10 STABILITY AND REACTIVITY</b>	
<b>Reactivity</b>	No dangerous reactions known.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Heat and open flame.
<b>Incompatible Materials</b>	Strong acids. Strong bases. Strong oxidizers. Solvents.
<b>Hazardous Decomposition</b>	Carbon oxides (CO, CO <sub>2</sub> ). Hydrogen fluoride. Perfluoro- carbon olefins.
<b>Section 11 TOXICOLOGICAL INFORMATION</b>	
<b>Ingestion Toxicity</b>	0.22 percent of the mixture consists of ingredient(s) of unknown acute toxicity. LD50 oral rat: 26100 mg/kg ATE CLP (oral) 26100.000 mg/kg bodyweight
<b>Skin Toxicity</b>	Not Classified.
<b>Eye Irritation</b>	Not Classified.
<b>Respiratory Irritation</b>	Not Classified.
<b>Chronic Toxicity</b>	Not Classified.
<b>Carcinogenicity</b>	Not Classified.
<b>Other</b>	Potential adverse human health effects and symptoms: AFTER INHALATION: may cause irritation, coughing, shortness of breath. LIKELY ROUTES OF EXPOSURE: ingestion, skin and eye contact.
<b>Section 12 ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3) LC50 fish 1 10 (10 - 35) mg/l Pimephales promelas OECD GDL 203 (water accomodated fraction) EC50 Daphnia 1 1 (1 - 1.5) mg/l OECD GDL 202 (water accomodated fraction) NOEC (acute) 10 mg/l Pimephales promelas OECD GDL 203 (water accomodated fraction) NOEC chronic crustacea < 1 mg/l
<b>Degradability</b>	Not readily biodegradable.

<b>Other</b>	N/A
<b>Section 13</b> <span style="float: right;"><b>DISPOSAL CONSIDERATIONS</b></span>	
<b>Waste Disposal Method</b>	Sewage disposal recommendations: Do not dispose of waste into sewer. Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials: Avoid release to the environment.
<b>Section 14</b> <span style="float: right;"><b>TRANSPORT INFORMATION</b></span>	
<b>UN Number</b>	Not applicable
<b>UN Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class</b>	In accordance with DOT and TDG. Not considered a dangerous good for transport regulations.
<b>Canadian Transportation of Dangerous Goods</b>	Listed on the Canadian DSL (Domestic Substances List) inventory.
<b>Marine Pollutants</b>	Do not dispose of waste into sewer.
<b>Special Precautions</b>	No additional information available.
<b>Section 15</b> <span style="float: right;"><b>REGULATORY INFORMATION</b></span>	
<b>TSCA Status</b>	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>SARA 311/312 Hazards</b>	Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
	Must be preheated before ignition can occur.
	Normally stable, even under fire exposure conditions, and not reactive with water.
<b>California Prop 65</b>	Not applicable.
<b>DSL Status (Canada)</b>	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3) Listed on the Canadian DSL (Domestic Substances List) inventory.
<b>Section 16</b> <span style="float: right;"><b>OTHER INFORMATION</b></span>	
<b>Additional Information</b>	There are no Red List materials included in this product.
<b>Prepared By</b>	Human Resource Department
<b>Revised Date</b>	7/20/15
<b>Disclaimer</b>	Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, Fire Protection Products, Inc. makes no representations as to the completeness or accuracy thereof. Fire Protection Products, Inc. makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose since the conditions of use are beyond our control. Fire Protection Products, Inc. assumes no responsibility for injury to recipient or to third persons for any damage to any property and recipient.