



Fire Protection Products, Inc.
 3198 Lionshead Avenue
 Carlsbad, CA 92010
 Phone: (760) 599-1168
 Fax: (800) 344-3775

MATERIAL SAFETY DATA SHEET

Last Updated: 03/12/2012

Section 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PipeFit®

PipeFit Pint BIC
 PipeFit Qt. Flat top
 PipeFit Qt. BIC

PipeFit gal
 PipeFit 5 gal
 PipeFit 55 gal

Manufacturer Information
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Emergency Contact
 CHEMTREC
 1300 Wilson Boulevard
 Arlington, VA 22209-2380
 Phone: (800)424-9300
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CAS Registry Number	Not applicable
Chemical Family	Mixture
Product Type	Pipe thread sealant
Preparation/Revision Date	2012/03/21

Section 2 COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	OSHA PEL	ACGIH TLV	% (Optional)
Light Naphthenic hydrotreated distillates	64742-53-6	Not listed	Not listed	15 - 20
Ethanol	64-17-5	1000 ppm	1000 ppm	0.1 – 0.2
PTFE	9002-84-0	Not listed	Not listed	3 - 7

Section 3 HAZARDS IDENTIFICATION

Principal Hazard(s)	Exposure to hazardous substances is not expected when handling this product for its intended use. Extreme heating (>300°C) or during a fire may generate dense smoke, irritating and toxic fumes.
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Section 4		FIRST AID MEASURES
Oral	If irritation or discomfort occurs, obtain medical advice immediately.	
Eye	Do not allow victim to rub eye(s). Let the eye(s) water naturally for a few minutes. Have victim look right and left, and then up and down. If particle/dust does not dislodge, flush with lukewarm, gently flowing water for 5 minutes or until particle/dust is removed, while holding the eyelid(s) open. If irritation persists, obtain medical attention. DO NOT attempt to manually remove anything stuck to eye(s).	
Skin	Quickly and gently, blot or brush away excess paste. Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes. If irritation develops, obtain medical advice.	
Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.	
Section 5		FIRE FIGHTING MEASURES
Flash Point	150°C (300°F) (toc)	
Upper Flammable Limit	Not applicable	
Lower Flammable Limit	Not applicable	
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or an appropriate foam. Use water spray to cool fire-exposed containers.	
Special Firefighting Procedures	Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel.	
Unusual Fire and Explosion Hazards	<p>During a fire, products of combustion may include Hydrogen fluoride, Perfluoro-carbon olefins and oxides of carbon.</p> <p>Irritating and harmful fumes are released when PTFE is heated above 300°C. The decomposition products and the resulting health effects are temperature-dependent.</p>	
Auto Ignition Temperature	Not applicable	
NFPA	Health: 0 Flammability: 0 Instability: 0	
Section 6		ACCIDENTAL RELEASE MEASURES
Personal Precautions	Spilled product may pose a slipping hazard.	
Environmental Precautions	Prevent the product from entering sewers or waterways.	
Methods for Containment	Not applicable	
Methods for Clean Up	Pick up spilled product and collect for re-use or proper disposal. Dispose of any contaminated, unusable product as described in Section 13 of this SDS.	

Section 7		HANDLING AND STORAGE
Handling	<p>Avoid contact with eyes and skin; do not breathe fumes. Do not use near sources of extreme heat. Keep out of reach of children.</p> <p>Wash thoroughly with detergent and water after handling, before eating, drinking, smoking or using the toilet.</p>	
Storage	Store in a cool, dry area, away from heat, flames and ignition sources.	
Section 8		EXPOSURE CONTROLS/ PERSONAL PROTECTION
Engineering Controls	Not required for normal use. If product is overheated, provide adequate ventilation to keep fume concentrations below any applicable exposure limits. Consult local authorities for acceptable exposure limits.	
Personal Protection	Eye/Face Protection: No special requirements.	
	Skin Protection: Wear appropriate gloves when needed to prevent skin contact.	
	Respiratory Protection: Not required for normal use.	
General Measures	Do not ingest. Avoid contact with eyes and skin; do not breathe fumes. Keep out of reach of children. Wash hands after handling.	
Section 9		PHYSICAL AND CHEMICAL PROPERTIES
Physical State: Paste	Vapor Density (Air =10): Not available	
Appearance, Color, Odor: White-cream colored paste; mild odor.	Evaporation Weight: Not available	
Specific Gravity: 1.48	Melting Point: Not available	
Viscosity: Not available	Boiling Point: 177°C (350°F)	
Odor Threshold: Not available	% Volatile: 0% w/w	
Water Solubility: Insoluble in water.	pH: Not applicable	
Vapor Pressure: Not applicable	Decomposition Temperature: Not available	
Addition Properties: Not available		

Section 10		STABILITY AND REACTIVITY
Stability	Stable at normal room temperature.	
Incompatibility	Incompatible with strong oxidizing agents. strong acids, strong alkalis, aromatic solvents, chlorinated solvents.	
Conditions to Avoid	Avoid extreme heat and open flames.	
Polymerization	Hazardous polymerization will not occur.	
Hazardous Decomposition	Hydrogen Fluoride, Perfluoro- carbon olefins, oxides of carbon.	
Section 11		TOXICOLOGICAL INFORMATION
Oral Toxicity	Acute toxicity data is not available for the mixture. Light Naphthenic hydrotreated distillates LD ₅₀ dermal >2 000 mg/kg (rabbit) Ethanol LD ₅₀ Oral 1 501 mg/kg (rat)	
Dermal Toxicity	Light Naphthenic hydrotreated distillates LD ₅₀ Dermal >5 000 mg/kg (rat) Product contains a substance which may cause an allergic skin reaction in sensitive individuals. There are no test data available for the product.	
Inhalation Toxicity	Light Naphthenic hydrotreated distillates LC ₅₀ Inhalation >2.18 mg/L (rat) Ethanol LC ₅₀ Inhalation 124.7 mg/L (rat)	
Chronic Toxicity	Light Naphthenic hydrotreated distillates, has less than 3% DMSO extract as measured by IP 346. This product is not required to be labeled according to the European Directive 67/548/EEC.	
Respiratory Irritation	Not available	
Carcinogenicity	Information not available for the mixture. PTFE and Light Naphthenic hydrotreated distillates are listed in IARC Group 3, Not classifiable as to its carcinogenicity in humans. Light Naphthenic hydrotreated distillates, has less than 3% DMSO extract as measured by IP 346. This product is not required to be labeled according to the European Directive 67/548/EEC.	
Other	Not available	

Section 12		ECOLOGICAL INFORMATION
Ecotoxicity	Ecotoxicity is expected to be low due to the product's insolubility in water.	
Degradability	Not readily biodegradable.	
Mobility	Insoluble in water.	
Section 13		DISPOSAL CONSIDERATIONS
Waste Disposal Method	<p>Do NOT discard into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage.</p> <p>The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, the supplier does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.</p>	
Section 14		TRANSPORT INFORMATION
US DOT Shipping Name	Not regulated as a hazardous material.	
Hazard Class	Not applicable	
DOT Identification Number	Not applicable	
DOT Shipping Label	Not applicable	
Canadian Transportation of Dangerous Goods:	Not regulated as a dangerous good for transport.	
Marine Pollutants	Not applicable	

Section 15	REGULATORY INFORMATION
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USA	
TSCA Inventory	All substances are listed on the TSCA 8(b) inventory.
SARA Title III	Sec. 302/304: Not applicable
	Sec. 311/312: Not applicable
	Sec. 313: Not applicable
	CERCLA RQ: Not applicable
California Prop 65	Not applicable

Canada	
WHMIS Classification (for workplace exposures)	Not controlled This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the MSDS contains all the information required by the <i>Controlled Products Regulations</i> .
New Substance Notification Regulations	All component substances are listed on Canada's Domestic Substances List (DSL).
NPRI Substances	Not applicable

Section 16	OTHER INFORMATION
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Additional Information	Not applicable
Prepared By	Fire Protection Products, Inc. 3198 Lionshead Avenue Carlsbad, CA 92010 Phone: (760) 599-1168
Revised Date	March 21, 2012
Disclaimer	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.

<p>HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)</p> <p>Health = Fire = Reactivity = PP =</p> <p>Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme</p>
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