

**AFPC55**  
PENETRATING CONCRETE SEALANT**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY****1.1 PRODUCT IDENTIFIER**

**Product name:** AFPC55 Penetrating Concrete Sealant  
**Product Identifier:** 12AFPC55-5G  
**Product Use/Class:** Waterproofing Sealer  
**Revision Date:** 6/30/2017  
**Product group:** New MSDS

**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

**Company Name:** Allfasteners USA LLC  
959 Lake Road  
Medina, OH 44256  
United States  
**Telephone:** 888.859.6060  
**Fax:** 440.232.6062  
**Email:** salescle@allfasteners.com

**1.4 EMERGENCY PHONE NUMBER**

**Emergency Telephone:** 888.859.6060

**SECTION 2: HAZARDOUS IDENTIFICATION****2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE****Classification**

**Symbol(s) of Product:** Not a hazardous substance or mixture per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Signal Word:** No Signal Word has been assigned.

**Possible Hazards:** 1% of the mixture consists of ingredient(s) of unknown acute toxicity

**AFPC55**  
PENETRATING CONCRETE SEALANT**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 HAZARDOUS SUBSTANCES**

CHEMICAL NAME	CAS-No.	Wt. % Range	GHS SYMBOLS	GHS STATMENTS
Ethylene Glycol Monobutyl Ether	111-76-2	1.0-2.5	GHS07	H302-312-315-319-332
Propylene Glycol Phenyl Ether	770-35-4	1.0-2.5	Not Available	Not Available
Tributoxyethyl Phosphate	78-51-3	0.1-1.0	GHS06	H331
Oxirane, methyl-, polymer with oxirane, monobutyl ether	9038-95-3	0.1-1.0	GHS06	H330

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES**

<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.
<b>Skin contact:</b>	Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.
<b>Ingestion:</b>	Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

**SECTION 5: FIREFIGHTING MEASURES**

<b>Suitable extinguishing media:</b>	Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog
<b>Unusual fire &amp; explosion hazards:</b>	No unusual fire or explosion hazards noted. Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.
<b>Special Firefighting procedures:</b>	Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

**AFPC55**  
PENETRATING CONCRETE SEALANT**SECTION 7: HANDLING AND STORAGE**

- Handling:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.
- Storage:** Store in a dry, well ventilated place. Keep container tightly closed when not in use.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

CHEMICAL NAME	CAS-No.	Wt. % Range	ACGIH TLVTWA	ACGIH TLVS-TEL	OSHA PEL-TWA	OSHA PELCEILING
Ethylene Glycol Monobutyl Ether	111-76-2	5.0	20 ppm	N.E	50 ppm	N.E
Propylene Glycol Phenyl Ether	770-35-4	5.0	N.E	N.E	N.E	N.E
Tributoxyethyl Phosphate	78-51-3	1.0	N.E	N.E	N.E	N.E
Oxirane, methyl-, polymer with oxirane, monobutyl ether	9038-95-3	1.0	N.E	N.E	N.E	N.E

**8.1 PERSONAL PROTECTION**

- Appropriate engineering controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross ventilation.
- Respiratory protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
- Skin protection:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.
- Eye protection:** Use safety eye wear designed to protect against splash of liquids.
- Other protective equipment:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.
- Hygienic practices:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

**AFPC55**  
PENETRATING CONCRETE SEALANT**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Solvent Like	<b>Odor Threshold:</b>	N.E
<b>Relative Density:</b>	1.022	<b>pH:</b>	Not Determined
<b>Freeze Point, °C:</b>	N.D.	<b>Viscosity:</b>	N.D.
<b>Solubility in Water:</b>	Slight	<b>Partition Coefficient, n-octanol/ water:</b>	N.D.
<b>Decomposition Temp., °C:</b>	N.D.	<b>Explosive Limits, vol%:</b>	0.8 - N.A.
<b>Boiling Range, °C:</b>	100 - 537	<b>Flash Point, °C:</b>	94
<b>Flammability:</b>	Does not Support Combustion	<b>Auto-ignition Temp., °C:</b>	N.D.
<b>Evaporation Rate:</b>	Slower than Ether	<b>Vapor Pressure:</b>	N.D.
<b>Vapor Density:</b>	Heavier than Air		

See "Other information" Section for abbreviation legend)

**SECTION 10: STABILITY AND REACTIVITY**

<b>Conditions to avoid:</b>	Avoid contact with strong acid and strong bases.
<b>Incompatibility:</b>	Incompatible with strong oxidizing agents, strong acids and strong alkalis.
<b>Hazardous decomposition:</b>	When heated to decomposition, it emits acrid smoke and irritating fumes.
<b>Hazardous polymerization:</b>	Will not occur under normal conditions.
<b>Stability:</b>	This product is stable under normal storage conditions.

**SECTION 11: TOXICOLOGICAL INFORMATION****EFFECTS OF OVEREXPOSURE:**

<b>Eye contact:</b>	Irritating, and may injure eye tissue if not removed promptly.
<b>Skin contact:</b>	Low hazard for usual industrial handling or commercial handling by trained personnel.
<b>Inhalation:</b>	High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.
<b>Ingestion:</b>	Substance may be harmful if swallowed.
<b>Chronic hazards:</b>	No Information
<b>Primary route(s) of entry:</b>	Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact



## SECTION 11: TOXICOLOGICAL INFORMATION CONTINUED

## ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	CHEMICAL NAME	ORAL LD50	DERMAL LD50	VAPOR LC
111-76-2	Ethylene Glycol Monobutyl Ether	470 mg/kg Rat	1,060 mg/kg Rabbit	11 mg/L
770-35-4	Propylene Glycol Phenyl Ether	2830 mg/kg Rat	N.I	N.I
78-51-3	Tributoxyethyl Phosphate	3000 mg/kg Rat	>16297 mg/kg Rabbit	>6.4 mg/L Rat
9038-95-3	Oxirane, methyl-, polymer with oxirane, monobutyl ether	5000 mg/kg Rat	14904 mg/kg Rabbit	.1 mg/L Rat

N.I. - No Information

## SECTION 12: ECOLOGICAL INFORMATION

**Ecological Information:** Product is a mixture of listed components.

## SECTION 13: DISPOSAL INFORMATION

**Disposal Information:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## SECTION 14: TRANSPORT INFORMATION

	DOMESTIC (USDOT)	INTERNATIONAL (IMDG)	AIR (IATA)	TDG (CANADA)
UN Number	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class	N.A.	N.A.	N.A.	N.A.
Packing Group	N.A.	N.A.	N.A.	N.A.
Limited Quantity	No	No	No	No



# AFPC55

## PENETRATING CONCRETE SEALANT

### SECTION 15: REGULATORY INFORMATION

#### 15.1 FEDERAL REGULATIONS

##### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Pressure Hazard, Reactive Hazard, Acute Health Hazard, Chronic Health Hazard

##### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS-
Ethylene Glycol Monobutyl Ether	111-76-2
Tributoxyethyl Phosphate	78-51-3

##### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: No TSCA 12(b) components exist in this product.

### SECTION 16: OTHER INFORMATION

#### HMIS RATINGS

Health:	2*	Flammability:	1	Physical Hazard:	0	Personal Protection::	X
---------	----	---------------	---	------------------	---	-----------------------	---

#### NFPA Ratings

Health:	2	Flammability:	1	Physical Hazard:	0
---------	---	---------------	---	------------------	---

**Volatile Organic Compouts, g/L:** 90

**MSDS Revision:** 6/30/2017

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Allfasteners USA,LLC believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Allfasteners makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.