



# MATERIAL SAFETY DATA SHEET

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FILPOR-S®

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## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: FILPOR-S  
GENERAL USE: Concrete floor sealer  
PRODUCT DESCRIPTION: Concrete floor sealer  
GENERIC INGREDIENTS: Xylene, ethyl benzene and resin

EMERGENCY TELEPHONE NUMBERS: **PENETONE 201-567-3000**  
**CHEMTREC 800-424-9300**

## SECTION 2 HAZARDOUS INGREDIENT SECTION

This product is hazardous as defined in 29 CFR1910.1200.

OSHA HAZARD: FLAMMABLE

### OSHA HAZARDOUS INGREDIENTS

	CAS#	EXPOSURE LIMITS 8 hrs. TWA (ppm)		Supplier
		OSHA PEL	ACGIH TLV	
Xylene	1330-20-7	100 150 STEL	100	---
Ethyl benzene	100-41-4	100 125 STEL	100	---

## SECTION 3 HEALTH INFORMATION & PROTECTION

### EMERGENCY OVERVIEW:

**Clear liquid with strong solvent odor.**

**Flammable. Can be irritating to eyes, skin, and respiratory tract.**

### POTENTIAL HEALTH EFFECTS:

#### EYE CONTACT:

Slightly irritating but does not injure eye tissue. High vapor concentrations may be irritating.

#### SKIN CONTACT:

Frequent or prolonged contact may irritate or dry the skin or cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

#### INHALATION:

High vapor/aerosol concentrations (greater than the TLV) are irritating to the respiratory tract and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects.

#### INGESTION:

Small amounts of this liquid may be drawn into the lungs by either swallowing or vomiting. This may cause severe and delayed health effects such as inflammation of the lungs and infection of the bronchi. Ingestion may cause irritation of the digestive tract and diarrhea.

#### CHRONIC:

Short term repeated exposure or exposure to high levels of xylene may cause reversible effects on the eyes, liver, kidneys, and blood. Kidney and liver effects were seen in lab animals fed xylene. IARC has put xylene in Group 3 (insufficient evidence in humans and animals). Contains ethyl benzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans.

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**FIRST AID MEASURES:****EYE CONTACT:**

Flush eyes with large amounts of water. See physician immediately.

**SKIN CONTACT:**

Flush skin with large amounts of water. Use soap if available. Remove contaminated clothing and launder before reuse. If skin irritation develops or persists, consult physician.

**INHALATION:**

Remove person to fresh air. Administer oxygen or artificial respiration as needed. Call a physician immediately.

**INGESTION:**

If swallowed, DO NOT INDUCE VOMITING. Use a stomach pump. Call a physician immediately.

**WORKPLACE EXPOSURE CONTROLS:****PERSONAL PROTECTION:**

Safety glasses are recommended for all workplace conditions. Solvent resistant gloves should be used. Other protective gear, including splash proof goggles or face shield, rubber boots, apron, gauntlets, or rain gear should be worn depending on how the product is used.

**VENTILATION:**

None needed under normal use conditions. For enclosed areas, or where large amounts of the product are being used, the use of fans or other mechanical ventilation is recommended. An organic vapor mask is recommended. **SPRAY ONLY WITH A LOW PRESSURE SPRAYER.**

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**SECTION 4 FIRE & EXPLOSION HAZARDS**

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**FLASH POINT:** 81°F

**FLAMMABLE LIMITS:** 1.1%-6.6%

**AUTOIGNITION TEMPERATURE:** 870°F

**GENERAL HAZARD:**

Flammable liquid. Can form flammable mixtures at or above the flash point. Containers can rupture and explode under fire conditions due to pressure and vapor buildup.

**FIRE FIGHTING:**

Either allow fire to burn out under controlled conditions or extinguish with water spray (fog), foam, or dry chemical. Water may be ineffective. Cool exposed containers with water spray.

**HAZARDOUS COMBUSTION PRODUCTS:**

Smoke, fumes, and oxides of carbon.

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**SECTION 5 SPILL CONTROL MEASURES**

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**LAND SPILL:**

Ventilate area. Avoid breathing of vapors. Use self-contained breathing apparatus or airmask for large spills in a confined area. Eliminate sources of ignition. For small spills, use absorbent material such as towels or absorbent powders. Put all material into proper waste disposal container with lid tightly covered. **Solvent soaked materials may spontaneously combust.** For larger spills, dike spill, recover free liquid, and use absorbent material to dry area. Put all material into appropriate waste containers.

**WATER SPILL:**

Remove product from water surface by skimming or with suitable absorbents. If allowed by local environmental regulatory agencies, you may use a suitable dispersant. Xylene is listed in the Clean Water Act. Check with local environmental regulatory agencies for reporting requirements.

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**SECTION 6 HANDLING & STORAGE**

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**STORAGE TEMPERATURE, °F:** ambient. DO NOT STORE ABOVE 120 Deg. F.

**GENERAL:** Keep away from heat sources, open flames, and other ignition sources. Do not store near strong oxidants.

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**SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES**

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**BOILING POINT, °F:**

about 280

**VAPOR PRESSURE, mm Hg at 20°C:**

7

**EVAPORATION RATE, Butyl Acetate = 1:**

1.1

**VAPOR DENSITY (Air = 1):**

3.7

**SOLUBILITY IN WATER:**

negligible

**WT% ORGANIC VOLATILES:**

85

**SPECIFIC GRAVITY at 75°F:**

0.89

**pH:**

not applicable

**ODOR AND APPEARANCE:**

clear liquid with strong solvent odor

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**SECTION 8 REACTIVITY DATA**

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**GENERAL:**

This product is stable and hazardous polymerization will not occur.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

Strong oxidizing agents.

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**SECTION 9 REGULATORY INFORMATION**

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**DEPARTMENT OF TRANSPORTATION (DOT):****PROPER SHIPPING NAME:**

PAINT

**HAZARD CLASS:** 3**IDENTIFICATION NUMBER:** UN 1263**PACKING GROUP:** III**LABEL:** FLAMMABLE**FLASH POINT:** 81°F**pH:** not applicable**TSCA:** The ingredients in this product are listed on the TSCA inventory.**CERCLA:**

This product contains the following reportable CERCLA material:

Xylene CAS# 1330-20-7 RQ = 100 lbs

Ethyl benzene CAS# 100-41-4 RQ = 1000 lbs

Releases exceeding the RQ must be reported to the National Response Center, 800-424-8802, and may be subject to state and local reporting.

**RCRA HAZARD CLASS:**

D001 Ignitable hazardous waste

F003, F039, U239 may also apply.

**SARA TITLE III:**

## 311/312 HAZARD CATEGORIES:

Acute health, Fire

## 313 REPORTABLE INGREDIENTS:

Xylene CAS# 1330-20-7 about 69%

Ethyl benzene CAS# 100-41-4 about 14%

**CLEAN WATER ACT:**

Xylene is listed in the Clean Water Act as a hazardous material.

**NEW JERSEY RIGHT-TO-KNOW INFORMATION:**

This product contains xylene (CAS# 1330-20-7), ethyl benzene (CAS# 100-41-4), and vinyl resin (CAS# 9003-55-8).

**CALIFORNIA PROPOSITION 65 INFORMATION:**

This product does not contain any chemical recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

**SCAQMD INFORMATION:**

Is there a photochemically reactive material present? Yes

What is the % by volume of photochemically reactive material? 84

What is the VOC content? 750 g/l

What is the vapor pressure of VOC's? 7 mm Hg @ 20°C

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**SECTION 10 NOTES**

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**HAZARD RATING SYSTEMS:**

	HMIS	NFPA
HEALTH	2	2
FLAMMABILITY	3	3
REACTIVITY	0	0

KEY  
4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal

**REVISION SUMMARY:**

Change in header

**SUPERSEDES ISSUE DATE:**

October 28, 1998

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER  
FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000

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