

Printing Date: 09/15/2016

Version: 1.1

Revision Date: 09/16/2016

Trade Name: eFx Pack

**1 Identification**
**1.1 Product Identifier**
**Product Name:** eFx Pack

**1.2 Application of the substance / the preparation:**

Architectural Coating

**1.3 Details of the supplier of the safety data sheet**

Manufacturer/Supplier:

 Versatile Building Products  
 245 Carl Karcher Way  
 Anaheim, Ca 92801  
 U.S.A.

**Information department**

 Health and Safety (8 AM to 5 PM-PST) 1-714-829-2600  
 MSDS@garagecoatings.com

**1.4 Emergency telephone number:**

 Infotrac: (800) 535-5053 (North America)  
 (352) 323-3500 (International)

**2 Hazard(s) identification**
**2.1 Classification of the substance or mixture**
**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Flammable liquids	Category 2
Serious eye damage	Category 2
Specific target organ toxicity	Category 3 narcotic effects

**2.2 GHS Label Elements, including precautionary statements**

**Pictogram**
**Signal Word**

Danger

**Appearance:** Clear Viscous Liquid

**Physical State:** Liquid

**Odor:** Solvent

**Hazard statements**

 Highly flammable liquid and vapor  
 Causes serious eye irritation  
 May cause drowsiness or dizziness

**Precautionary statement(s) - Prevention**

 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Keep container tightly closed.  
 Ground/bond container and receiving equipment.  
 Use only non-sparking tools.

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Take precautionary measures against static discharge.  
 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.  
 Wash skin thoroughly after handling.  
 Do not eat, drink or smoke when using this product.  
 Use only outdoors or in a well-ventilated area.  
 Avoid release to the environment.  
 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Precautionary statement(s) - Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a POISON CENTER or doctor/ physician if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/ attention.  
 If eye irritation persists: Get medical advice/ attention.  
 Take off contaminated clothing and wash before reuse.  
 In case of fire: Use appropriate media to extinguish.

#### Precautionary statement(s) - Storage

Store in a well-ventilated place. Keep container tightly closed.  
 Store in a well-ventilated place. Keep cool.  
 Store locked up.

#### Precautionary statement(s) - Disposal

Dispose of contents/ container to an approved waste disposal plant

### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – None

<b>3 Composition/information on ingredients</b>
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<b>3.1 Mixtures</b>
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Chemical Name	CAS Number	%
Proprietary ingredient 1		Trade Secret
Proprietary ingredient 2		Trade Secret
Octamethylcyclotrisiloxane	556-67-2	0-10

US GHS: The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret in accordance with paragraph (i) of section 1910.1200

<b>4 First-aid measures</b>
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<b>4.1 Description of first aid measures</b>
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#### General advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

#### After inhalation:

If breathed in, move person into fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

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**After skin contact:**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

**After eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes. If irritation persists: Get medical advice/attention.

**After swallowing:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a poison center/doctor if you feel unwell.

**4.2 Most important symptoms/effects, acute and delayed:**

The most important known symptoms and effects include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation.

**4.3 Indication of immediate medical attention and special treatment needed**

Treat patient according to symptoms

**5 Firefighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

Water fog. Dry chemical powder. Carbon dioxide

**5.2 Special hazards arising from the substance or mixture**

Vapors may form explosive mixtures with air. Vapors may travel considerable distances to an ignition source and flash back. During fire, gases that are hazardous to health may be formed.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus and full protective clothing must be worn for firefighting if necessary. Use standard firefighting procedures and consider the hazards of other materials involved.

**5.4 Further information**

Use water spray to cool unopened containers.

**6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Keep people away from and upwind of spill or leak. Ensure adequate ventilation. Remove all sources of ignition.

Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Eliminate all sources of ignition. Do not smoke in the immediate area. Prevent sparks, flares, or flames in the immediate area. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from any spilled material.

**6.3 Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Eliminate all ignition sources (no smoking, flares, sparks, or flames) in the immediate area. Never return spilled material in the original containers for re-use

**6.4 Reference to other sections**

For personal protection see section 8. For disposal see section 13.

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**7 Handling and storage**
**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.  
 Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. Do not handle, store or open near an open flame or sources of ignition. Protect material from direct sunlight.  
 All equipment used when handling the product must be grounded if possible.  
 Use non-sparking tools and explosion-proof equipment.  
 For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Store material locked up.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8 Exposure controls/personal protection**
**8.1 Control parameters**
**Components with workplace control parameters**

Component	CAS-No.	Value	Control Parameters	Basis
Proprietary Ingredient 1	Trade Secret	TWA	200 ppm	USA. ACGIH Threshold limit values (TLV)
		STEL	250 ppm	USA. ACGIH Threshold limit values (TLV)
		PEL	610 mg/m3 200 ppm	OSHA Specifically Regulated Chemicals/Carcinogens
		TWA	610 mg/m3 200 ppm	USA. NIOSH Recommended exposure limits.
		STEL	760 mg/m3 250 ppm	USA. NIOSH Recommended exposure limits.
Proprietary Ingredient 3		TWA	44.2 mg/m3 10 ppm	US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

**8.2 Exposure controls**
**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

**Engineering controls**

Ensure adequate ventilation

## Personal protective equipment

### Eye/face protection

Wear safety glasses with side shields or goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with impervious gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body Protection

Impervious clothing, Flame retardant antistatic protective clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9 Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) <b>Appearance</b>	Form: Clear, viscous liquid Color: slightly yellow
b) <b>Odor</b>	Mild, fruity
c) <b>Odor Threshold</b>	No data available
d) <b>pH</b>	No data available
e) <b>Melting point/freezing point</b>	Melting point/range: -71.5 °C (-96.7 °F) - lit.
f) <b>Initial boiling point and boiling range</b>	75.3 °C 167.54 °F) - lit.
g) <b>Specific gravity</b>	0.97
h) <b>Flash point</b>	5.0 °C (41.0 °F) - closed cup
i) <b>Evaporation rate</b>	3.6 (BuAc = 1)
j) <b>Flammability (solid/gas)</b>	no data available
k) <b>Upper/lower flammability or explosive limits</b>	Lower limit: 3.11% Upper limit: 15.13%
l) <b>Vapor pressure</b>	132.5 mm HG (20°C)
m) <b>Vapor density</b>	2.79 (Air = 1)
n) <b>Relative density</b>	0.97 g/mL (8.05 lb/gal)
o) <b>Water solubility</b>	21.11%

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p)	<b>Partition coefficient: n-octanol/water</b>	no data available
q)	<b>Auto-ignition temperature</b>	454°C (849.2 °F)
r)	<b>Decomposition temperature</b>	no data available
s)	<b>Viscosity</b>	0.80 – 1.0 CPS at 25°C (77°F)
t)	<b>Explosive properties</b>	no data available
u)	<b>Oxidizing properties</b>	no data available
v)	<b>VOC Coating, g/L</b>	89.53 g/L
w)	<b>VOC Material, g/L</b>	3.48 g/L

## 9.2 Other safety information

No data available

## 10 Stability and reactivity

### 10.1 Control parameters

Product may react with strong oxidizing agents

### 10.2 Chemical stability

Material is stable under normal conditions

### 10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

Heat, flames and sparks. Avoid temperatures that exceed the flash point.

### 10.5 Incompatible materials

Acids, Bases, Strong oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. – May include but are not limited to carbon oxides

In the event of fire: see section 5

## 11 Toxicological Information

### 11.1 Information on likely routes of exposure

#### Product information

##### Inhalation

 May cause headache, fatigue, dizziness, and nausea  
 Prolonged inhalation may be harmful

##### Eye Contact

Causes serious eye irritation

##### Skin Contact

No adverse effects due to skin contact are expected

##### Ingestion

May cause stomach distress, nausea, and vomiting

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary ingredient 1 Trade Secret	3705 mg/kg (rat)	>5000 mg/kg (rabbit)	>16000 ppm (rat)
Proprietary ingredient 2 Trade Secret	1580 mg/kg (mouse)	2000 mg/kg (rabbit)	1000 mg/L/8h (rat)
Octamethylcyclotetrasiloxane 556-67-2	10000 mg/kg (rat)	No data available	No data available

### 11.2 Information on physical, chemical and toxicological effects

**Symptoms** Causes eye irritation. Causes skin irritation. Stomach ache, nausea, vomiting, dullness, vision disorder, and blindness.

### 11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	This product is not expected to cause skin sensitization
<b>Germ cell mutagenicity</b>	No data available. To indicate product or any components present at greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC, ACGIH, OSHA, or NTP
<b>Carcinogenicity</b>	This product is not considered a carcinogen by IARC, ACGIH, OSHA, or NTP
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects
<b>STOT – Single exposure</b>	Narcotic effects
<b>STOT – Repeated exposure</b>	Not classified
<b>Chronic effects</b>	Prolonged inhalation may be harmful

### 11.4 Numerical measures of toxicity - Product

Not determined

#### Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12 Ecological information

### 12.1 Toxicity

Chemical Name	Type	Species	Results
Proprietary ingredient 1 Trade Secret	IC50	Algae	120 mg/L, 72 hours
	EC50	Daphnia	1026.7 mg/L, 48 hours
	LC50	Fathead minnow	320 m/L, 96 hours
Proprietary ingredient 2 Trade Secret	LC50	bluegill	10 mg/L, 96 hours

### 12.2 Persistence and degradability

No data available

### 12.3 Bio accumulative potential

No data available

### 12.4 Mobility in soil

No data available

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**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

No additional adverse environmental effects are expected from this component

**13 Disposal considerations****13.1 Waste treatment methods****Disposal instructions**

Dispose of contents and containers in accordance with local, regional, national, and international regulations

**Waste from residues or unused products**

Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with applicable regulations

**Contaminated packaging**

Dispose of as unused product in accordance with all applicable regulations

**14 Transport information****DOT (US)**UN number: 1993      Class: 3      Packing group: II  
Proper shipping name: Flammable liquids, N.O.S. (Methyl acetate)  
Special provisions: IB2, T7, TP1, TP8, P28  
Packaging exemptions: 150  
Packaging non bulk: 202  
Packaging bulk: 242**IMDG**UN number: 1993      Class: 3      Packing group: II  
Proper shipping name: Flammable liquids, N.O.S. (Methyl acetate)**IATA**UN number: 1993      Class: 3      Packing group: II  
Proper shipping name: Flammable liquids, N.O.S. (Methyl acetate)**15 Regulatory information****United States Regulatory Information****TSCA 8 (b) Inventory Status**

All Components are listed or exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification**

Not regulated





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**CERCLA Hazardous Substance List**

Proprietary Ingredient 1      Listed  
Proprietary Ingredient 3      Listed

**US. OSHA Specifically Regulated Substances**

Not listed

**SARA Hazard Categories**

Immediate hazard      Yes  
Delayed hazard      No  
Fire hazard      Yes  
Pressure hazard      No  
Reactivity hazard      No

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards**

SARA 311/312: No chemicals in this material are subject to the reporting requirements.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Other Federal Regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs)**

Not regulated

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention**

Not regulated

**Safe Drinking Water Act (SDWA)**

Not regulated

**Food and Drug Administration (FDA)**

Not regulated

**California Hazardous Substances**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret

**California Prop. 65 Components**

This product does not contain chemicals known to the State of California to cause birth defects or other reproductive harm.

**Illinois Chemical Safety Act**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret

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**Louisiana Spill Reporting**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret

**Minnesota Hazardous Substance Act**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret

**New Jersey Right To Know Act**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret
Polysiloxanes	
Polyglycol	

**Texas Effects Screening Levels**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret

**Massachusetts Right To Know Act**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret

**Pennsylvania Right To Know Act**

	CAS-No.
Proprietary Ingredient 1	CAS Trade Secret
Proprietary Ingredient 2	CAS Trade Secret
Polysiloxanes	
Polyglycol	

**Canada Regulatory Information****CEPA DSL/NDSL Status:**

All components are listed on or are exempt from listing on the Domestic Substances List.

**16 Other information**Issue Date: 15-Sep-2016  
Revision Date: 16-Sep-2016  
Revision Note: Update information



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HMIS Rating

Health Hazard: 2  
Flammability: 3  
Physical Hazard: 0

NFPA Rating

Health Hazard: 2  
Fire Hazard: 3  
Reactivity Hazard: 0

**Disclaimer:**

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