



# Safety Data Sheet

## Clear Penetrating Epoxy Sealer Cold Weather Formula Part A

SDS Revision Date:  
06/09/2015

### 1. Identification

#### 1.1. Product identifier

**Product Identity**

Clear Penetrating Epoxy Sealer  
Cold Weather Formula

**Alternate Names**

Clear Penetrating Epoxy Sealer  
Cold Weather Formula  
Part A

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

See Technical Data Sheet.

**Application Method**

See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name**

Smith & Co.  
5100 Channel Avenue  
Richmond, CA 94804

**Emergency**

**24 hour Emergency Telephone No.**

Infotrac: 1-800-535-5053

**Customer Service: Smith & Co.**

510-237-6842

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Flam. Liq. 2;H225

Highly Flammable liquid and vapor.

Acute Tox. 4;H332

Harmful if inhaled.

Skin Irrit. 2;H315

Causes skin irritation.

Eye Irrit. 2;H319

Causes serious eye irritation.

Skin Sens. 1;H317

May cause an allergic skin reaction.

Repr. 2;H361D

Suspected of damaging the unborn child.

STOT SE 3;H335

May cause respiratory irritation.

STOT SE 3;H336

May cause drowsiness or dizziness.

STOT RE 2;H373

May cause damage to organs through prolonged or repeated exposure. Specific Target  
Organs: (Not Available)

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



## Danger

H225 Highly flammable liquid and vapor.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness and dizziness.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.

### **[Prevention]:**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P235 Keep cool.  
P240 Ground / bond container and receiving equipment.  
P241 Use explosion-proof electrical / ventilating / light / equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves / eye protection / face protection.

### **[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P308+313 IF exposed or concerned: Get medical advice / attention.  
P314 Get Medical advice / attention if you feel unwell.  
P321 Specific treatment (see information on this label).  
P331 Do NOT induce vomiting.  
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

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P337+313 If eye irritation persists: Get medical advice / attention.  
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P362 Take off contaminated clothing and wash before reuse.  
 P363 Wash contaminated clothing before reuse.  
 P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

**[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Isopropyl Alcohol CAS Number: 0000067-63-0	< 50	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]
Toluene CAS Number: 0000108-88-3	< 50	Flam. Liq. 2;H225 Repr. 2;H361d Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336	[1][2]
Xylene CAS Number: 0001330-20-7	< 50	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Solvent naphtha (petroleum), light aromatic CAS Number: 0064742-95-6	< 50	Asp. Tox. 1;H304	[1]
Butanone CAS Number: 0000078-93-3	< 50	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]
isobutyl isobutyrate CAS Number: 0000097-85-8	< 50	Flam. Liq. 3;H226	[1]
Methyl Propyl Ketone CAS Number: 0000107-87-9	< 50	Flam. Liq. 2;H225 Acute Tox. 4;H302 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315	[1][2]
Methyl Isobutyl Ketone CAS Number: 0000108-10-1	< 50	Flam. Liq. 2;H225 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335	[1][2]
Propylene glycol monomethyl ether acetate CAS Number: 0000108-65-6	< 50	Flam. Liq. 3;H226	[1]
Di-isobutyl ketone CAS Number: 0000108-83-8	< 50	Flam. Liq. 3;H226 STOT SE 3;H335	[1][2]

Cyclohexanone CAS Number: 0000108-94-1	< 50	Flam. Liq. 3;H226 Acute Tox. 4;H332	[1][2]
Methyl Isoamyl Ketone CAS Number: 0000110-12-3	< 50	Flam. Liq. 3;H226 Acute Tox. 4;H332	[1][2]
iso-Butyl acetate CAS Number: 0000110-19-0	< 50	Flam. Liq. 2;H225	[1][2]
Methyl Amyl Ketone CAS Number: 0000110-43-0	< 50	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H302	[1][2]
Diacetone Alcohol CAS Number: 0000123-42-2	< 50	Eye Irrit. 2;H319	[1][2]
Ethyl acetate CAS Number: 0000141-78-6	< 50	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	[1][2]
3-éthoxypropionate d'éthyle CAS Number: 0000763-69-9	< 50	Flam. Liq. 2;H225 Eye Irrit. 2;H319	[1]
Methylamyl acetate CAS Number: 0007789-99-3	< 50	Flam. Liq. 3;H226	[1]
EPOXY RESIN CAS Number: 0025036-25-3	< 50	Eye Irrit. 2;H319 Skin Irrit. 2;H315 Skin Sens. 1;H317	[1]
(2-methoxymethylethoxy)propanol CAS Number: 0034590-94-8	< 50	Not Classified	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation

Remove to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, administer artificial respiration and seek emergency medical assistance.

#### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

#### Skin

Immediately flush with water for at least 15 minutes while removing contaminated clothing.  
Call a physician.

#### Ingestion

Do not induce vomiting. Give a large quantity of milk or water. Do not give fluids to an unconscious person. Call a physician.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

**Skin Contact:** Causes skin irritation. Not considered toxic by skin absorption but prolonged exposure may result in absorption of harmful amounts.

**Eye Contact:** Causes severe eye irritation from solvents. Prolonged contact may cause permanent visual impairment.

**Inhalation:** Causes severe eye irritation from solvents. Prolonged contact may cause permanent visual impairment.

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**Ingestion:** May cause gastrointestinal irritation or ulceration. May cause nausea, vomiting, or diarrhea.

**Chronic Effects:** Dermatitis, chemical pneumonia, central nervous system excitation, injury to bone marrow, blood, liver, kidneys, heart, testes, apprehensiveness, memory impairment, tingling of skin, tremors, impaired lung function, weakness, vertigo. May aggravate existing skin, eye, lung, kidney, liver, heart, blood, and nervous system conditions.

**Primary Routes of Entry:** Inhalation and skin

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation.

Causes serious eye irritation.

May cause an allergic skin reaction. Causes skin irritation.

**Inhalation**

**Eyes**

**Skin**

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Dry chemical, carbon dioxide, water spray or regular foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon monoxide, carbon dioxide, oxides of nitrogen and partly decomposed organic compounds

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

### 5.3. Advice for fire-fighters

Cool fire-exposed containers with water. When fire fighting, wear full protective equipment including self-contained breathing apparatus.

Heating may cause pressure to build up and possible rupture of the container. May produce hazardous fumes or

hazardous decomposition products.

ERG Guide No. 128

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Remove ignition sources. Add dry material to absorb spill (if large spill, dike to contain). Using recommended protective and explosion-proof equipment, pick up and containerize for recovery or disposal. Flush area with water and collect for disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Ground and bond container when transferring.

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Acids and/or bases

Do not store or handle product in the presence of heat, sparks, or open flame.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	OSHA	TWA 400 ppm (980 mg/m <sup>3</sup> ) STEL 500 ppm
		ACGIH	TWA: 200 ppm STEL: 400 ppm Revised 2003,
		NIOSH	TWA 400 ppm (980 mg/m <sup>3</sup> ) ST 500 ppm (1225 mg/m <sup>3</sup> )
		Supplier	No Established Limit
0000078-93-3	Butanone	OSHA	TWA 200 ppm (590 mg/m <sup>3</sup> )
		ACGIH	TWA: 50 ppm STEL: 100 ppm
		NIOSH	TWA 200 ppm (590 mg/m <sup>3</sup> ) ST 300 ppm (885 mg/m <sup>3</sup> )

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		Supplier	No Established Limit
0000097-85-8	isobutyl isobutyrate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0000107-87-9	Methyl Propyl Ketone	OSHA	TWA 200 ppm (700 mg/m3)
		ACGIH	TWA: 150 ppm STEL: 250 ppm
		NIOSH	TWA 150 ppm (530 mg/m3)
		Supplier	No Established Limit
0000108-10-1	Methyl Isobutyl Ketone	OSHA	TWA 100 ppm (410 mg/m3)STEL 75 ppm
		ACGIH	TWA: 20 ppm STEL: 75 ppm 2B, Revised 2011,
		NIOSH	TWA 50 ppm (205 mg/m3) ST 75 ppm (300 mg/m3)
		Supplier	No Established Limit
0000108-65-6	Propylene glycol monomethyl ether acetate	OSHA	No Established Limit
		ACGIH	TWA: 50 ppm STEL: 75 ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit
0000108-83-8	Di-isobutyl ketone	OSHA	TWA 50 ppm (290 mg/m3)
		ACGIH	TWA: 25 ppm
		NIOSH	TWA 25 ppm (150 mg/m3)
		Supplier	No Established Limit
0000108-88-3	Toluene	OSHA	TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)STEL 150 ppm
		ACGIH	TWA: 20 ppmR
		NIOSH	TWA 100 ppm (375 mg/m3) ST 150 ppm (560 mg/m3)
		Supplier	No Established Limit
0000108-94-1	Cyclohexanone	OSHA	TWA 50 ppm (200 mg/m3)
		ACGIH	TWA: 20 ppm STEL: 50 ppm Skin Revised 2003,
		NIOSH	TWA 25 ppm (100 mg/m3) [skin]
		Supplier	No Established Limit
0000110-12-3	Methyl Isoamyl Ketone	OSHA	TWA 100 ppm (475 mg/m3)
		ACGIH	TWA: 50 ppm
		NIOSH	TWA 50 ppm (240 mg/m3)
		Supplier	No Established Limit
0000110-19-0	iso-Butyl acetate	OSHA	TWA 150 ppm (700 mg/m3)
		ACGIH	TWA: 150 ppm
		NIOSH	TWA 150 ppm (700 mg/m3)
		Supplier	No Established Limit
0000110-43-0	Methyl Amyl Ketone	OSHA	TWA 100 ppm (465 mg/m3)
		ACGIH	TWA: 50 ppm
		NIOSH	TWA 100 ppm (465 mg/m3)
		Supplier	No Established Limit
0000123-42-2	Diacetone Alcohol	OSHA	TWA 50 ppm (240 mg/m3)
		ACGIH	TWA: 50 ppm
		NIOSH	TWA 50 ppm (240 mg/m3)
		Supplier	No Established Limit
0000141-78-6	Ethyl acetate	OSHA	TWA 400 ppm (1400 mg/m3)
		ACGIH	TWA: 150 ppm
		NIOSH	TWA 400 ppm (1400 mg/m3)
		Supplier	No Established Limit

0000763-69-9	3-éthoxypropionate d'éthyle	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0001330-20-7	Xylene	OSHA	STEL 150 ppm
		ACGIH	TWA: 100 ppm STEL: 150 ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit
0007789-99-3	Methylamyl acetate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0025036-25-3	EPOXY RESIN	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0034590-94-8	(2-methoxymethylethoxy)propanol	OSHA	TWA 100 ppm (600 mg/m3) [skin]
		ACGIH	TWA: 100 ppm STEL: 150 ppm Skin
		NIOSH	TWA 100 ppm (600 mg/m3) ST 150 ppm (900 mg/m3) [skin]
		Supplier	No Established Limit
0064742-95-6	Solvent naphtha (petroleum), light aromatic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000067-63-0	Isopropyl Alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000078-93-3	Butanone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000097-85-8	isobutyl isobutyrate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000107-87-9	Methyl Propyl Ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000108-10-1	Methyl Isobutyl Ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000108-65-6	Propylene glycol monomethyl ether acetate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000108-83-8	Di-isobutyl ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;



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0000108-88-3	Toluene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000108-94-1	Cyclohexanone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000110-12-3	Methyl Isoamyl Ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000110-19-0	iso-Butyl acetate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000110-43-0	Methyl Amyl Ketone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000123-42-2	Diacetone Alcohol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000141-78-6	Ethyl acetate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000763-69-9	3-éthoxypropionate d'éthyle	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001330-20-7	Xylene	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0007789-99-3	Methylamyl acetate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0025036-25-3	EPOXY RESIN	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0034590-94-8	(2-methoxymethylethoxy)propanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0064742-95-6	Solvent naphtha (petroleum), light aromatic	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

Wear respirator with organic vapor cartridge when necessary.

#### Eyes

Chemical goggles are recommended to avoid contact with eyes.

#### Skin

Wear rubber or plastic gloves.

#### Engineering Controls

Local exhaust ventilation required.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or

using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.  
See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	Amber Tinted Liquid
<b>Odor</b>	Solvent
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not Measured
<b>Melting point / freezing point</b>	Not determined
<b>Initial boiling point and boiling range</b>	Not determined
<b>Flash Point</b>	52°F/11°C Tag closed cup
<b>Evaporation rate (Ether = 1)</b>	Not determined
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	< 30 mmHg
<b>Vapor Density</b>	Heavier than air
<b>Specific Gravity</b>	0.75-0.9 g/cc
<b>Solubility in Water</b>	Appreciable
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured
<b>Solubility in Water</b>	Appreciable (> 10%)

**9.2. Other information**  
No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Heating may cause pressure build-up and possible rupture of the container.

### 10.5. Incompatible materials

Acids and/or bases

### 10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, oxides of nitrogen and partly decomposed organic compounds

## 11. Toxicological information

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### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

2-butoxyethanol and its acetate are readily absorbed through the skin and will cause harmful effects on the blood. Based upon animal testing, the C9 aromatic hydrocarbon components (trimethylbenzenes and ethylmethylbenzenes) are presumed to cause fetal toxicity and/or decreased fetal and newborn weights if overexposure occurs during the early gestation period.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Isopropyl Alcohol - (67-63-0)	4,710.00, Rat - Category: 5	12,800.00, Rat - Category: NA	72.60, Rat - Category: NA	No data available	No data available
Toluene - (108-88-3)	636.00, Rat - Category: 4	8,400.00, Rabbit - Category: NA	No data available	No data available	No data available
Xylene - (1330-20-7)	4,299.00, Rat - Category: 5	1,548.00, Rabbit - Category: 4	No data available	20.00, Rat - Category: NA	5,000.00, Rat - Category: 4
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00, Rat - Category: NA	3,400.00, Rabbit - Category: 5	No data available	No data available	No data available
Butanone - (78-93-3)	2,737.00, Rat - Category: 5	6,480.00, Rabbit - Category: NA	32.00, Mouse - Category: NA	No data available	No data available
isobutyl isobutyrate - (97-85-8)	12,800.00, Rat - Category: NA	8,600.00, Rabbit - Category: NA	No data available	No data available	No data available
Methyl Propyl Ketone - (107-87-9)	1,600.00, Rat - Category: 4	6,500.00, Rabbit - Category: NA	No data available	No data available	No data available
Methyl Isobutyl Ketone - (108-10-1)	2,080.00, Rat - Category: 5	16,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Propylene glycol monomethyl ether acetate - (108-65-6)	8,532.00, Rat - Category: NA	5,000.00, Rabbit - Category: 5	No data available	No data available	4,345.00, Rat - Category: NA
Di-isobutyl ketone - (108-83-8)	5,750.00, Rat - Category: NA	16,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Cyclohexanone - (108-94-1)	1,400.00, Mouse	948.00, Rabbit -	10.70, Rat -	No data available	8,000.00, Rat -

	- Category: 4	Category: 3	Category: 4		Category: 4
Methyl Isoamyl Ketone - (110-12-3)	3,200.00, Rat - Category: 5	8,110.00, Rabbit - Category: NA	No data available	No data available	No data available
iso-Butyl acetate - (110-19-0)	13,400.00, Rat - Category: NA	17,400.00, Rabbit - Category: NA	No data available	No data available	No data available
Methyl Amyl Ketone - (110-43-0)	1,670.00, Rat - Category: 4	12,600.00, Rabbit - Category: NA	No data available	No data available	No data available
Diacetone Alcohol - (123-42-2)	2,520.00, Rat - Category: 5	13,500.00, Rabbit - Category: NA	No data available	No data available	1,500.00, Rat - Category: NA
Ethyl acetate - (141-78-6)	5,600.00, Rat - Category: NA	18,000.00, Rabbit - Category: NA	58.60, Rat - Category: NA	No data available	No data available
3-éthoxypropionate d'éthyle - (763-69-9)	4,300.00, Rat - Category: 5	9,500.00, Rabbit - Category: NA	No data available	No data available	No data available
Methylamyl acetate - (7789-99-3)	No data available	No data available	No data available	No data available	No data available
EPOXY RESIN - (25036-25-3)	No data available	No data available	No data available	No data available	No data available
(2-methoxymethylethoxy)propanol - (34590-94-8)	3,500.00, Rat - Category: 5	19,000.00, Rabbit - Category: NA	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	4	Harmful if inhaled.
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	2	Suspected of damaging the unborn child.
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

# Safety Data Sheet

## Clear Penetrating Epoxy Sealer Cold Weather Formula Part A

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### 12. Ecological information

#### 12.1. Toxicity

Toxic to aquatic life

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Isopropyl Alcohol - (67-63-0)	1,400.00, Lepomis macrochirus	100.00, Daphnia magna	100.00 (72 hr), Scenedesmus subspicatus
Toluene - (108-88-3)	5.80, Oncorhynchus mykiss	19.60, Daphnia magna	Not Available
Xylene - (1330-20-7)	3.30, Oncorhynchus mykiss	8.50, Palaemonetes pugio	100.00 (72 hr), Chlorococcales
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
Butanone - (78-93-3)	400.00, Cyprinodon variegatus	520.00, Daphnia magna	500.00 (96 hr), Skeletonema costatum
isobutyl isobutyrate - (97-85-8)	Not Available	Not Available	Not Available
Methyl Propyl Ketone - (107-87-9)	1,240.00, Pimephales promelas	Not Available	0.00 (96 hr),
Methyl Isobutyl Ketone - (108-10-1)	505.00, Pimephales promelas	1,550.00, Daphnia magna	980.00 (48 hr), Scenedesmus subspicatus
Propylene glycol monomethyl ether acetate - (108-65-6)	100.00, Salmo gairdneri	500.00, Daphnia magna	Not Available
Di-isobutyl ketone - (108-83-8)	140.00, Oncorhynchus mykiss	250.00, Daphnia magna	100.00 (96 hr), Selenastrum capricornutum
Cyclohexanone - (108-94-1)	527.00, Pimephales promelas	820.00, Daphnia magna	32.90 (72 hr), Chlamydomonas reinhardtii
Methyl Isoamyl Ketone - (110-12-3)	159.00, Pimephales promelas	560.00, Daphnia magna	920.00 (72 hr), Chlorococcales
iso-Butyl acetate - (110-19-0)	101.00, Leuciscus idus	250.00, Daphnia magna	600.00 (24 hr), Chlorococcales
Methyl Amyl Ketone - (110-43-0)	131.00, Pimephales promelas	Not Available	Not Available
Diacetone Alcohol - (123-42-2)	420.00, Lepomis macrochirus	9,000.00, Daphnia magna	Not Available
Ethyl acetate - (141-78-6)	100.00, Danio rerio	100.00, Daphnia magna	100.00 (72 hr), Desmodium

			subspicatus
3-éthoxypropionate d'éthyle - (763-69-9)	50.00, Pimephales promelas	480.00, Daphnia magna	115.00 (72 hr), Selenastrum capricornutum
Methylamyl acetate - (7789-99-3)	Not Available	Not Available	Not Available
EPOXY RESIN - (25036-25-3)	Not Available	Not Available	Not Available
(2-methoxymethylethoxy)propanol - (34590-94-8)	10,000.00, Pimephales promelas	1,919.00, Daphnia magna	969.00 (72 hr), Algae

## 12.2. Persistence and degradability

There is no data available on the preparation itself.

## 12.3. Bioaccumulative potential

Not Measured

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

## 12.6. Other adverse effects

No data available.

# 13. Disposal considerations

## 13.1. Waste treatment methods

Destroy by liquid incineration. Use absorbent material and deposit in toxic landfill in accordance with local, state, and federal regulations.

# 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN1263	UN1263	UN1263
<b>14.2. UN proper shipping name</b>	UN1263, Paint, 3, II	Paint	Paint
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class: 3</b>	<b>IMDG: 3</b> <b>Sub Class: Not Applicable</b>	<b>Air Class: 3</b>
<b>14.4. Packing group</b>	II	II	II
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: Yes		
<b>14.6. Special precautions for user</b>	No further information		

# 15. Regulatory information

# Safety Data Sheet

## Clear Penetrating Epoxy Sealer

### Cold Weather Formula Part A

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**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** B2 D2A

**US EPA Tier II Hazards**

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** Yes

**Delayed (Chronic):** Yes

#### EPCRA 311/312 Chemicals and RQs (lbs):

Butanone ( 5,000.00)  
Cyclohexanone ( 5,000.00)  
Ethyl acetate ( 5,000.00)  
iso-Butyl acetate ( 5,000.00)  
Methyl Isobutyl Ketone ( 5,000.00)  
Toluene ( 1,000.00)  
Xylene ( 100.00)

#### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 313 Toxic Chemicals:

(2-methoxymethylethoxy)propanol  
Isopropyl Alcohol  
Methyl Isobutyl Ketone  
Toluene  
Xylene

#### Proposition 65 - Carcinogens (>0.0%):

Methyl Isobutyl Ketone

#### Proposition 65 - Developmental Toxins (>0.0%):

Methyl Isobutyl Ketone  
Toluene

#### Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### New Jersey RTK Substances (>1%):

(2-methoxymethylethoxy)propanol  
Diacetone Alcohol  
Butanone  
Cyclohexanone

Di-isobutyl ketone  
Ethyl acetate  
iso-Butyl acetate  
isobutyl isobutyrate  
Isopropyl Alcohol  
Methyl Amyl Ketone  
Methyl Isoamyl Ketone  
Methyl Isobutyl Ketone  
Methyl Propyl Ketone  
Toluene  
Xylene

**Pennsylvania RTK Substances (>1%):**

(2-methoxymethylethoxy)propanol  
Diacetone Alcohol  
Butanone  
Cyclohexanone  
Di-isobutyl ketone  
Ethyl acetate  
iso-Butyl acetate  
Isopropyl Alcohol  
Methyl Amyl Ketone  
Methyl Isoamyl Ketone  
Methyl Isobutyl Ketone  
Methyl Propyl Ketone  
Toluene  
Xylene

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.



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**Cold Weather Formula Part A**

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H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness and dizziness.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

The information on this Safety Data Sheet is believed to be accurate and is the best information available to Smith & Company. This document does not purport to be all-inclusive and is intended only as a guide to the appropriate precautions for handling a chemical by a person trained in chemical handling. It does not represent any guarantee of the properties of the product. Smith & CO. makes no warranty of merchantability, fitness for a particular purpose or any other warranty, expressed or implied with respect to such information of the product to which it relates, and we assume no liability resulting from the use or handling of the product to which this SDS relates. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.

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