

# Safety data sheet

## Enertite<sup>®</sup> 1-2-1 RESIN

Revision date : 2009/04/06  
Version: 1.0

Page: 1/5  
(30469173/SDS\_GEN\_CA/EN)

### 1. Substance/preparation and company identification

Company  
BASF CANADA  
100 Milverton Drive  
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information  
CANUTEC (reverse charges): (613) 996-6666  
BASF HOTLINE (800) 454-COPE (2673)

Synonyms: Urethane System Resin Component

### 2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
2212-32-0	>= 3.0 - <= 7.0 %	2-((2-(dimethylamino)ethyl)methylamino)ethanol
9046-10-0	>= 3.0 - <= 7.0 %	alpha-(2-Aminomethylethyl)-omega-(2-aminomethylethoxy)-poly(oxy(methyl-1,2-ethanediyl))
52624-57-4	>= 15.0 - <= 40.0 %	Oxirane, methyl-, polymer with oxirane, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)

### 3. Hazard identification

#### Potential health effects

##### **Acute toxicity:**

Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion.

##### **Irritation:**

May cause slight irritation to the eyes. May cause slight irritation to the skin. May cause slight irritation to the respiratory tract.

##### **Sensitization:**

The chemical structure suggests a sensitizing effect. The product has not been tested. The statement has been derived from products of a similar structure and composition.

##### **Repeated dose toxicity:**

No known chronic effects.

#### Potential environmental effects

##### **Aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms.

# Safety data sheet

## Enertite<sup>®</sup> 1-2-1 RESIN

Revision date : 2009/04/06  
Version: 1.0

Page: 2/5  
(30469173/SDS\_GEN\_CA/EN)

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### 4. First-aid measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

**If on skin:**

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**If in eyes:**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

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### 5. Fire-fighting measures

Flash point:

> 93 °C

Self-ignition temperature:

not self-igniting

**Suitable extinguishing media:**

water, dry extinguishing media, carbon dioxide, foam

**Hazards during fire-fighting:**

No particular hazards known.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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### 6. Accidental release measures

**Cleanup:**

Spills should be contained, solidified, and placed in suitable containers for disposal.

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### 7. Handling and storage

**Storage**

**General advice:**

Avoid extreme heat. Store protected against freezing.

**Storage stability:**

Protect against moisture.

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# Safety data sheet

## Enertite<sup>®</sup> 1-2-1 RESIN

Revision date : 2009/04/06  
Version: 1.0

Page: 3/5  
(30469173/SDS\_GEN\_CA/EN)

### 8. Exposure controls and personal protection

**Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

**Personal protective equipment**

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

**General safety and hygiene measures:**

Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

### 9. Physical and chemical properties

Form:	liquid	
Odour:	amine-like	
Odour threshold:	No data available.	
Colour:	yellow, clear	
pH value:	>= 7	
Boiling point:	> 150 °C	
Density:	1.11 g/cm <sup>3</sup>	
Bulk density:		not applicable
Solubility in water:		not soluble

### 10. Stability and reactivity

**Substances to avoid:**

acids, oxidizing agents, isocyanates

**Hazardous reactions:**

The product is chemically stable.

**Decomposition products:**

Hazardous decomposition products: carbon monoxide, carbon dioxide

### 11. Toxicological information

**Chronic toxicity**

**Genetic toxicity:**

The substance was not mutagenic in bacteria.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

# Safety data sheet

## Enertite<sup>®</sup> 1-2-1 RESIN

Revision date : 2009/04/06  
Version: 1.0

Page: 4/5  
(30469173/SDS\_GEN\_CA/EN)

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### 12. Ecological information

#### Environmental fate and transport

##### **Biodegradation:**

Evaluation: Biodegradable.  
The product has not been tested. The statement has been derived from products of a similar structure and composition.

#### Environmental toxicity

##### **Acute toxicity to aquatic invertebrates:**

Daphnia magna/EC50 (48 h): > 100 mg/l

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### 13. Disposal considerations

#### **Waste disposal of substance:**

Incinerate in a licensed facility.  
Dispose of in a licensed facility.  
Do not discharge substance/product into sewer system.

#### **Container disposal:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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### 14. Transport information

Reference Bill of Lading

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### 15. Regulatory information

#### Federal Regulations

**WHMIS classification:** D2B: Materials Causing Other Toxic Effects - Toxic material



**THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.**

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### 16. Other information

#### **Local contact information**

BASF Canada Product Safety  
289-360-1300

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# Safety data sheet

## Enertite<sup>®</sup> 1-2-1 RESIN

Revision date : 2009/04/06

Version: 1.0

Page: 5/5

(30469173/SDS\_GEN\_CA/EN)

END OF DATA SHEET