

# Safety Data Sheet

## WALLTITE CM01 RESIN

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(30711122/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

## WALLTITE CM01 RESIN

#### Recommended use of the chemical and restriction on use

Recommended use\*: polyurethane component; industrial chemicals  
Suitable for use in industrial sector: Polymers industry; chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

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

Company:  
BASF Canada Inc.  
100 Milverton Drive  
Mississauga, ON L5R 4H1, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Chemical family: resin  
Synonyms: Urethane System Resin Component

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Skin Sens.	1	Skin sensitization
STOT RE	2 (oral)	Specific target organ toxicity — repeated exposure
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic

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### Label elements

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure (oral).  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye/face protection.  
P260 Do not breathe dust/gas/mist/vapours.  
P273 Avoid release to the environment.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314 Get medical advice/attention if you feel unwell.  
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Disposal):

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

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition / Information on Ingredients

### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
13674-84-5	>= 15.0 - < 20.0%	tris(2-chloro-1-methylethyl)phosphate
31568-06-6	>= 15.0 - < 20.0%	Ethanol, 2-((2-aminoethyl)amino)-, polymer with methyloxirane
111-46-6	>= 0.3 - < 3.0%	diethylene glycol
2212-32-0	>= 0.3 - < 1.0%	2-((2-(dimethylamino)ethyl)methylamino)ethanol
140-07-8	>= 0.3 - < 1.0%	Ethanol, 2,2',2'',2'''-(1,2-ethanediyldinitrilo)tetrakis-
1739-84-0	>= 0.2 - < 1.0%	1,2-dimethylimidazole
72102-55-7	>= 0.0 - < 0.1%	C.I. Basic Violet

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The masked component(s) has only environmental hazards; HMIRA claims are not required for masked components with only environmental hazards.

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### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

##### If on skin:

Wash thoroughly with soap and water.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

##### If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

*Information on: tris(2-chloro-1-methylethyl)phosphate*

*Symptoms: Overexposure may cause: convulsions, depression, hypoxemia, tremors*

*Information on: diethylene glycol*

*Symptoms: Overexposure may cause: vomiting, coma, abdominal cramps, lethargy, nausea, diarrhea, headache*

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#### Indication of any immediate medical attention and special treatment needed

##### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:

water spray, dry powder, carbon dioxide, foam

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

Hazards during fire-fighting:

No particular hazards known.

#### Advice for fire-fighters

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Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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### 6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

**Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

**Environmental precautions**

Do not empty into drains. Do not discharge into the subsoil/soil.

**Methods and material for containment and cleaning up**

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

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### 7. Handling and Storage

**Precautions for safe handling**

Ensure thorough ventilation of stores and work areas. Protect against moisture.

Protection against fire and explosion:

No special precautions necessary.

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

Segregate from foods and animal feeds. Segregate from acids. Segregate from oxidants.

Suitable materials for containers: Carbon steel (Iron), High density polyethylene (HDPE), Low density polyethylene (LDPE), Stainless steel 1.4301 (V2)

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Storage stability:

Storage temperature: 15 - 25 °C

Storage duration: 6 Months

Protect against moisture.

The stated storage temperature is noted for health and safety in the workplace. With regard to Quality, please refer to the product specific Technical Bulletin.

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### 8. Exposure Controls/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.

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### Hand protection:

Chemical resistant protective gloves

### Eye protection:

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

### Body protection:

Standard work clothes and shoes.

### 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 applicable information available.
Colour:	Purple
pH value:	$\geq 7$
Freezing point:	No applicable information available.
Boiling point:	$> 140$ °C
Sublimation point:	No applicable information available.
Flash point:	$> 94$ °C (closed cup)
Flammability:	not flammable
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	$> 250$ °C
Vapour pressure:	$< 0.1$ hPa ( 25 °C)
Density:	1.19 g/cm <sup>3</sup> ( 20 °C)
Relative density:	No applicable information available.
Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	No applicable information available.
Solubility in water:	slightly soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

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### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

not fire-propagating

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

#### Conditions to avoid

Temperature: < 0 degrees Celsius

#### Incompatible materials

acids, oxidizing agents, isocyanates

#### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

##### Oral

Type of value: ATE

Value: 3,104 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

##### Inhalation

No applicable information available.

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### Dermal

No applicable information available.

### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Origin of data: expert judgement

### Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation.

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

## **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### Medical conditions aggravated by overexposure

Individuals with allergic history or pre-existing dermatitis should use extra precautions when handling this product. The substance may cause sensitization of the skin in particularly sensitive individuals.

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## **12. Ecological Information**

### **Toxicity**

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### Aquatic toxicity

#### Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

### Toxicity to fish

#### Information on: tris(2-chloro-1-methylethyl)phosphate

LC50 (96 h) 51 mg/l, *Pimephales promelas* (Fish test acute, static)

LC50 (96 h) 56 mg/l, *Brachydanio rerio* (Fish test acute, static)

#### Information on: C.I. Basic Violet

LC50 (48 h) 0.1 mg/l, *Oryzias latipes* (other)

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

LC50 (96 h) 0.1 mg/l, *Oryzias latipes* (JIS K 0102-71)

Literature data. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Aquatic invertebrates

#### Information on: tris(2-chloro-1-methylethyl)phosphate

EC50 (48 h) 131 mg/l, *Daphnia magna* (*Daphnia* test acute, static)

The statement of the toxic effect relates to the analytically determined concentration.

#### Information on: C.I. Basic Violet

LC50 (72 h) 1.9 mg/l, other (other)

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

EC50 (48 h) 0.05 mg/l, *Daphnia magna* (Directive 79/831/EEC, static)

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

### Aquatic plants

#### Information on: tris(2-chloro-1-methylethyl)phosphate

EC50 (72 h) 82 mg/l (growth rate), *Pseudokirchneriella subcapitata* (OECD Guideline 201, static)

Nominal concentration.

#### Information on: C.I. Basic Violet

No data available.

No data available.

No data available.

## Microorganisms/Effect on activated sludge

### Toxicity to microorganisms

#### Information on: tris(2-chloro-1-methylethyl)phosphate

#### Information on: C.I. Basic Violet

:

No data available.



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*aerobic*  
*activated sludge, industrial/EC20 (0.5 h): 4 mg/l*  
*DIN 38412 Part 27 (draft) aerobic*  
*bacterium/EC10 (0.5 h): 0.75 mg/l*  
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### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O)

Poorly biodegradable.

Elimination information

Poorly biodegradable.

### **Bioaccumulative potential**

Assessment bioaccumulation potential

Does not significantly accumulate in organisms.

### **Mobility in soil**

Assessment transport between environmental compartments

Adsorption to solid soil phase is not expected.

### **Additional information**

Adsorbable organically-bound halogen (AOX):  
This product contains no organically-bound halogen.

Other ecotoxicological advice:  
The product has not been tested. Do not discharge product into the environment without control.

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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:**

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

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## **14. Transport Information**

### **Land transport**

TDG

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

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Not classified as a dangerous good under transport regulations

### Air transport IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical DSL, CA released; restriction on use and qty. / listed

This product contains a substance subject to a Significant New Activity (SNAc) as disclosed in the Canada Gazette.

The Minister of the Environment must be notified as outlined in the SNAc prior to engaging in any new activity.

See SNAc Notice in Canada Gazette for further details.

CGIIVol148No2p184-18

#### NFPA Hazard codes:

Health: 2 Fire: 1 Reactivity: 1 Special:

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## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2018/06/08

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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END OF DATA SHEET