

## Safety Data Sheet

according to WHMIS

### TIP TOP CEMENT SC 2000

Date (latest revision): 19.09.2025

Product code: 00156-0515

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## 1. Identification

### Product identifier

TIP TOP CEMENT SC 2000

### **Art.-No.**

525 1557, 525 2025, 525 2027, 525 2029, 525 2050, 525 2053, 525 2064, 525 2130, 525 2153, 525 2160, 525 2161, 525 2163, 525 2165, 525 2169, 525 2173, 525 2191, 525 2193, 525 2194, 525 2196, 525 2247, 525 2249, 525 4003, 525 4006, 525 4010, 525 4024, 525 4027, 525 4034, 525 4043, 525 4041, 525 4058

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

#### **Use of the substance/mixture**

Adhesive

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

Company name: REMA TIP TOP / North America Inc.  
Street: 1500 Industrial Blvd  
Place: Madison, GA 30650, USA  
Telephone: +1 800 225 7362,  
Internet: www.rematiptop.com  
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

### Emergency telephone number:

(USA domestic) 1 800 535 5053 or international (001) 352 323 3500  
Infotrac/GBK GmbH-ID: 93591

## 2. Hazard identification

### Classification of the substance or mixture

#### **WHMIS 2015**

Carcinogenicity: Carc. 1B  
Germ cell mutagenicity: Muta. 2  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Irrit. 2  
Respiratory or skin sensitization: Skin Sens. 1  
Specific target organ toxicity - single exposure: STOT SE 3 (narcotic effects)  
Hazardous to the aquatic environment: Aquatic Chronic 2

### Label elements

#### **WHMIS 2015**

**Signal word:** Danger

**Pictograms:**



#### **Hazard statements**

Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Suspected of causing genetic defects.  
May cause cancer.  
Toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

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Do not breathe vapour.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF exposed or concerned: Get medical advice/attention.  
Store locked up.  
Avoid release to the environment.

**Other hazards**

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

**3. Composition/information on ingredients****Mixtures****Chemical characterization**

Preparation with trichloroethylene

**Hazardous components**

CAS No	Chemical name	Quantity
79-01-6	Trichloroethylene	> 80 %
1314-13-2	Zinc oxide	< 5 %
8050-09-7	Rosin, colophony	< 2,5 %

**Further Information**

SVHC substance [Regulation (EC) No 1907/2006, Article 57]: Trichloroethylene

**4. First-aid measures****Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.  
In the event of persistent symptoms receive medical treatment.  
Take away from danger area and lay down affected person.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours.  
In the event of symptoms refer for medical treatment.

**After contact with skin**

Wash off immediately with soap and plenty of water.  
Consult a doctor if skin irritation persists.

**After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical treatment by eye specialist.

**After ingestion**

Induce vomiting only upon the advice of a physician.  
Attention. Beware, danger of aspiration.  
Summon a doctor immediately.  
Immediately give plenty of water, if possible charcoal slurry.

**Most important symptoms and effects, whether acute or delayed**

May cause cancer.  
May cause drowsiness or dizziness.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Causes skin irritation.  
Suspected of causing genetic defects.

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



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Treat symptoms.

## 5. Fire-fighting measures

### Extinguishing media

#### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

Product does not burn, fire-extinguishing activities according to surrounding.

#### **Unsuitable extinguishing media**

Full water jet.

### Specific hazards arising from the hazardous product

Fire may produce:

carbon monoxide and carbon dioxide

Chlorine and traces of phosgene.

Hydrogen chloric gas.

### Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

### **Additional information**

Keep away from heat and sources of ignition.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **General advice**

Ensure adequate ventilation.

Keep away noninvolved persons.

Get unprotected persons to safety.

#### **For non-emergency personnel**

Do not breathe vapours.

Avoid contact with skin, eyes and clothing.

#### **For emergency responders**

In case of vapour formation use respirator.

Use personal protective clothing.

### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

### Methods and material for containment and cleaning up

#### **For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

#### **For cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

### Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal look up chapter 13.

## 7. Handling and storage

### Precautions for safe handling

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**Advice on safe handling**

Keep container tightly closed.  
Vapours are heavier than air and spread along ground.  
Ensure adequate room ventilation, if necessary ensure local exhaust at workplace.  
Avoid contact with skin, eyes and clothing.

**Advice on protection against fire and explosion**

Keep away from heat and sources of ignition.

**Advice on general occupational hygiene**

Do not inhale vapours.  
Avoid contact with eyes and skin.  
Wash hands before breaks and immediately after handling the product.  
When using do not eat, drink or smoke.  
Take off immediately all contaminated clothing.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep containers tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Incompatible with:  
Oxidizing agents  
Aluminium powder  
Alkaline metals and earth alkaline metals.  
Alkaline leaches

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**8. Exposure controls/Personal protection****Control parameters****Exposure limits (ACGIH)**

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
8050-09-7	Resin acids, as total Resin acids	-	0.001		TWA (8 h)	ACGIH-2024
79-01-6	Trichloroethylene	10	54		TWA (8 h)	ACGIH-2024
		25	135		STEL (15 min)	ACGIH-2024
1314-13-2	Zinc oxide (respirable fraction)		2		TWA (8 h)	ACGIH-2024
			10		STEL (15 min)	ACGIH-2024

**Biological limit values**

CAS No	Chemical name	Parameter	Value	Test material	Sampling time
79-01-6	TRICHLOROETHYLENE (ACGIH 2024)	Trichloroacetic acid	15 mg/L	urine	End of shift at end of workweek

**Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly fitting goggles.  
Eye wash bottle with pure water.

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**Hand protection**

Protective gloves resistant to chemicals made off viton , Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Vitoject 890> made by www.kcl.de. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.  
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Skin protection**

Long sleeved clothing.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Different
Odour:	Sweetish

**Test method****Changes in the physical state**

Melting point/freezing point:	n. d.
Boiling point or initial boiling point and boiling range:	86,7 °C
Sublimation point:	n.a.
Softening point:	n. d.
Flash point:	n.a. *)

**Flammability**

Solid/liquid: n.a.

**Explosive properties**

The product is not explosive.

Lower explosive limits:	8,0 vol. %
Upper explosive limits:	44,8 vol. %
Auto-ignition temperature:	420 °C

**Self-ignition temperature**

Solid:	n.a.
Gas:	n.a.

Decomposition temperature: n. d.

pH-Value: n. d.

Viscosity / dynamic: 3000 mPa·s

Viscosity / kinematic: n. d.

Flow time: n. d.

Water solubility: Immiscible  
(at 20 °C)**Solubility in other solvents**

n. d.

Partition coefficient n-octanol/water: n. d.

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Vapour pressure: (at 20 °C)	77 hPa
Density:	1,45 g/cm <sup>3</sup>
Bulk density:	n.a.
Relative vapour density:	4,54

**Other information****Information with regard to physical hazard classes**

Oxidizing properties  
Not oxidising.

**Other safety characteristics**

Solvent separation test:	n. d.
Solvent content:	< 90 %
Evaporation rate:	n. d.

**Further Information**

"\*) According to PTB instructions, trichloroethylene has no flashpoint; however, vapour and air mixtures are flammable under a stronger energy influx."

**10. Stability and reactivity****Reactivity**

No decomposition if stored and applied as directed.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Reactions with alkali metals.  
Reactions with earth alkali metals.  
Reactions with oxidizing agents.

**Conditions to avoid**

Above 120°C, a thermic decomposition may take place.

**Incompatible materials**

Alkaline metals and alkaline earth metals, Bases., Oxidizing agents, Aluminium powder

**Hazardous decomposition products**

No hazardous decomposition products known.  
Fire may produce:  
Chlorine and traces of phosgene.  
Hydrogen chloride gas  
Carbon monoxide and carbon dioxide

**11. Toxicological information****Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.  
Trichloroethylene  
LD50/oral/rat: 5400 mg/kg  
LD50/dermal/rabbit: > 2000 mg/kg  
LC50/inhalativ/rat: 12500 ppm/4h

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

**Sensitizing effects**

May cause an allergic skin reaction. (Trichloroethylene; Rosin, colophony)

**Carcinogenic/mutagenic/toxic effects for reproduction**

May cause cancer. (Trichloroethylene)

Suspected of causing genetic defects. (Trichloroethylene)

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause drowsiness or dizziness. (Trichloroethylene)

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on likely routes of exposure**

Skin and eye contact, inhalation and ingestion.

**Additional information on tests**

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

**Information on other hazards****Endocrine disrupting properties**

No data available

**Other information**

Components of the product may be absorbed into the body through the skin. (skin absorption).

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Effects of breathing high concentrations of vapour may include

Headache, dizziness, weakness, unconsciousness

Hazard of lung oedema.

Skin contact or inhalation of solvents contained in this product may cause irritation of skin, eyes and mucous membranes.

**12. Ecological information****Ecotoxicity**

Trichloroethylene

LC50/Pimephales promelas/ 96 h = 42,4 mg/l

EC50/Daphnia magna/48 h = 20,8 mg/l

EC50/Algae/96 h = 36,5 mg/l

Zinc oxide

EC50/Selenastrum capricornutum/72 h = 0,17 mg/l

Toxic to aquatic life with long lasting effects.

**Persistence and degradability**

Trichloroethylene

Biodegradable (OECD): 2,4% (14 d) [OECD 301C]

Not readily biodegradable.

**Bioaccumulative potential**

Trichloroethylene

Low bio-accumulation can be estimated because of low log Po/w. (Log Pow: 2,53)

**Mobility in soil**

Trichloroethylene

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High mobility in soil.

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### Other adverse effects

Severe hazard to waters

#### Further information

Do not flush into surface water or sanitary sewer system.

### 13. Disposal considerations

#### Waste treatment methods

##### **Disposal recommendations**

Where possible recycling is preferred to disposal.  
Can be incinerated, when in compliance with local regulations.

##### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.  
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.  
Packaging that cannot be cleaned should be disposed of like the product.

### 14. Transport information

#### **Canadian TDG**

<b><u>UN number:</u></b>	UN 1710
<b><u>Proper shipping name:</u></b>	Trichloroethylene
<b><u>Hazard classes:</u></b>	6.1
<b><u>Packing group:</u></b>	III
Hazard label:	6.1
Limited quantity:	5 L



#### **Marine transport (IMDG)**

<b><u>UN number or ID number:</u></b>	UN 1710
<b><u>United Nations proper shipping name:</u></b>	TRICHLOROETHYLENE SOLUTION
<b><u>Transport hazard class(es):</u></b>	6.1
<b><u>Packing group:</u></b>	III
Hazard label:	6.1



Marine pollutant:	Yes
Limited quantity:	5 L / 30 kg
Excepted quantity:	E1
EmS:	F-A, S-A

#### **Air transport (ICAO-TI/IATA-DGR)**

<b><u>UN number or ID number:</u></b>	UN 1710
<b><u>United Nations proper shipping name:</u></b>	TRICHLOROETHYLENE SOLUTION

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<b>Transport hazard class(es):</b>	6.1
<b>Packing group:</b>	III
Hazard label:	6.1
	
Limited quantity Passenger:	2 L
Passenger LQ:	Y642
Excepted quantity:	E1
IATA-packing instructions - Passenger:	655
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	663
IATA-max. quantity - Cargo:	220 L

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



## 15. Regulatory information

#### Canadian regulations

##### DSL/NDSL inventory status

All components are listed on the DSL Inventory.

##### National Pollutant Release Inventory (NPRI)

Trichloroethylene (CAS 79-01-6) &lt; 90 %

##### WHMIS classification

WHMIS: D1B, D2A &amp; D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

##### Additional information

Consider Chemical prohibition regulation.

## 16. Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,4.

#### Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

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GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

**Further Information**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*