

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations

Issue date:13/03/2023 Revision date:19/09/2025 Supersedes:25/05/2023 Version: 1.2

SDS No: 00156-0515



### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : TIP TOP CEMENT SC 2000  
Product code : 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

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Adhesive  
Industrial use

#### 1.4. Details of manufacturer or importer

##### Importer

REMA TIP TOP Australia Pty Ltd.

3/20 Worth Street

Chullora NSW 2190

Australia

T +61 2 8755 8400

[www.rema-tiptop.com.au](http://www.rema-tiptop.com.au)

E-mail address of competent person responsible for the SDS: [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

#### 1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317
Germ cell mutagenicity, Category 2	H341
Carcinogenicity, Category 1B	H350
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Exclamation  
Health hazard  
Environment  
mark

Signal word (GHS AU) :

Danger

Contains :

Colophony (< 2.5 %); Trichloroethylene (< 90 %)

Hazard statements (GHS AU) :

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

### Precautionary statements (GHS AU)

H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H341 - Suspected of causing genetic defects  
H350 - May cause cancer  
H411 - Toxic to aquatic life with long lasting effects

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing vapours.  
P264 - Wash hands, forearms and face 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.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
P281 - Use personal protective equipment as required.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical attention.  
P312 - Call a POISON CENTER, a doctor if you feel unwell.  
P332+P313 - If skin irritation occurs: Get medical attention.  
P333+P313 - If skin irritation or rash occurs: Get medical attention.  
P337+P313 - If eye irritation persists: Get medical attention.  
P362 - Take off contaminated clothing.  
P363 - Wash contaminated clothing before reuse.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3: Composition and information on ingredients

Comments : Preparation based on :  
Trichloroethylene.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Trichloroethylene	79-01-6	< 90	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350 STOT SE 3, H336 Aquatic Chronic 3, H412
Zinc oxide	1314-13-2	< 5	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)
Colophony	8050-09-7	< 2.5	Skin Sens. 1, H317
Other substances (not contributing to the classification of this product)	-	Up to 100%	-

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	: Take off immediately all contaminated clothing. Move the affected person away from the contaminated area.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a physician immediately.
First-aid measures after skin contact	: Wash off immediately with soap and plenty of water. Get medical advice if skin irritation persists.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately. Do not induce vomiting without medical advice. Attention. Beware, danger of aspiration. Give a slurry of activated charcoal in water to drink.

#### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Chronic symptoms	: May cause cancer. Suspected of causing genetic defects.

#### 4.3. Medical attention and special treatment

Treatment	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide. Product does not burn, fire-extinguishing activities according to surrounding.
Unsuitable extinguishing media	: high volume water jet.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Non flammable.
Explosion hazard	: Product is not explosive.
General measures	: In case of vapour formation use adequate respirator. Ensure adequate air ventilation. Use personal protective clothing.
Hazardous decomposition products in case of fire	: Carbon monoxide. Carbon dioxide. Chlorine. Traces of. Phosgene. Hydrogen chloride gas.

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

Firefighting instructions	: Fight fire from safe distance and protected location.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	: 2Z
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### SECTION 6: Accidental release measures

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

General measures	: In case of vapour formation use adequate respirator. Ensure adequate air ventilation. Use personal protective clothing.
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##### 6.1.1. For non-emergency personnel

No additional information available

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

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

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

For containment : Dike and contain spill.  
Methods for cleaning up : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Shovel or sweep up and put in a closed container for disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep the container tightly closed. Vapours are heavier than air and may spread along floors. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition.

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

Storage conditions : Keep containers tightly closed in a dry, well-ventilated place.  
Incompatible materials : oxidizing materials. Aluminium. Metallic powders. alkali metals. alkaline earth metals.  
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

Zinc oxide (1314-13-2)	
Australia - Occupational Exposure Limits	
Local name	Zinc oxide
OES TWA	2 mg/m <sup>3</sup> dust and fume
OES STEL	10 mg/m <sup>3</sup> dust and fume
Remark (AU)	(a) Containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2025)

### 8.2. Biological Monitoring

Monitoring methods : A specific exposure sampling method is not available.

### 8.3. Engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : 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

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Viton	6 (> 480 minutes)	≥ 0.7		EN ISO 374

Eye protection : Eyewash bottle with clean water (EN 15154)

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

Type	Field of application	Characteristics	Standard
Protective goggles (EN 166)	Liquid splashes may occur		EN 166

Skin and body protection :

Type	Standard
Long sleeved protective clothing	EN ISO 6530

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Respiratory protective device with a gas filter	Type A - High-boiling (>65 °C) organic compounds		EN 14387

Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Various colours
Odour	: Sweet
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: ≈ 90 °C
Flash point	: Not applicable According to PTB instructions, trichloroethylene has no flashpoint; however, vapour and air mixtures are flammable under a stronger energy influx.
Auto-ignition temperature	: 410 °C
Flammability	: No data available
Vapour pressure	: Vapour pressure: 77 hPa @ 20 °C
Relative density	: Relative vapour density at 20°C: 4.54
Density	: Density: 1.45 g/cm <sup>3</sup> @ 20 °C
Solubility	: immiscible. at 20 °C.
Log Pow	: No data available
Viscosity, dynamic	: 3000 mPa·s
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Miscibility	: Not miscible
VOC content	: < 90 %
Fat solubility	: No data available
Additional information	: Solvent content < 90%

## SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored normally.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Reacts with oxidants. alkali metals. alkaline earth metals.
Conditions to avoid	: Above 120°C, a thermic decomposition may take place.
Incompatible materials	: Strong oxidizing agent. alkali metals. Aluminium. Metallic powders. Bases.
Hazardous decomposition products	: No hazardous decomposition products known. Thermal decomposition generates : Carbon oxides (CO, CO <sub>2</sub> ). Hydrogen chloride gas. Chlorine. Traces of. Phosgene.

## SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

<b>Zinc oxide (1314-13-2)</b>	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 Inhalation - Rat	> 5.7 mg/l/4h

<b>Trichloroethylene (79-01-6)</b>	
LD50 oral rat	5400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	12500 ppm/4h
ATE AU (oral)	5400 mg/kg bodyweight
ATE AU (vapours)	12500 mg/l/4h
ATE AU (dust,mist)	12500 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Suspected of causing genetic defects.  
Carcinogenicity : May cause cancer.  
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

<b>Zinc oxide (1314-13-2)</b>	
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)

<b>Colophony (8050-09-7)</b>	
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)

<b>Trichloroethylene (79-01-6)</b>	
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.  
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)  
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)  
Potential adverse human health effects and symptoms : Irritation of mucous membranes. High concentration of vapours may induce: headache, nausea, dizziness. Components of the product may be absorbed into the body through the skin. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Repeated or prolonged contact may cause allergic reactions in very susceptible persons. Risk of lungs oedema. Skin contact or inhalation of solvents contained in this product may cause

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.  
Other information : Do not flush into surface water or sewer system.

<b>Zinc oxide (1314-13-2)</b>	
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LD50 oral rat	> 5000 mg/kg (OECD 401 method)

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

Trichloroethylene (79-01-6)	
LC50 fish 1	42.4 mg/l (96 h), Pimephales promelas
EC50 Daphnia 1	47 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Log Pow	2.53
LD50 dermal rabbit	> 2000 mg/kg
LD50 oral rat	5400 mg/kg

### 12.2. Persistence and degradability

TIP TOP CEMENT SC 2000	
Persistence and degradability	No data available

### 12.3. Bioaccumulative potential

TIP TOP CEMENT SC 2000	
Bioaccumulative potential	No data available.

Trichloroethylene (79-01-6)	
Log Pow	2.53
Bioaccumulative potential	Low bio-accumulation can be estimated because of low log Po/w.

### 12.4. Mobility in soil

TIP TOP CEMENT SC 2000	
Ecology - soil	No data available.

Trichloroethylene (79-01-6)	
Ecology - soil	Expected to be highly mobile in soil.
Log Pow	2.53

### 12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)  
Other adverse effects : No additional information available

Zinc oxide (1314-13-2)	
Fluorinated greenhouse gases	False

Colophony (8050-09-7)	
Fluorinated greenhouse gases	False

Trichloroethylene (79-01-6)	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Waste treatment methods : Recycling is preferred to disposal or incineration. Can be incinerated according to local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : 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.

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

### SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
1710	1710	1710
<b>14.2. UN Proper Shipping Name</b>		
TRICHLOROETHYLENE (SOLUTION)	TRICHLOROETHYLENE (SOLUTION)	Trichloroethylene (SOLUTION)
<b>14.3. Transport hazard class(es)</b>		
6.1	6.1	6.1
<b>14.4. Packing group</b>		
III - Substances presenting low danger	III	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

UN-No. (ADG) : 1710  
Limited quantities (ADG) : 5L  
Excepted quantities (ADG) : E1  
Packing instructions (ADG) : P001, IBC03, LP01  
Portable tank and bulk container instructions (ADG) : T4  
Portable tank and bulk container special provisions (ADG) : TP1

### Transport by sea

UN-No. (IMDG) : 1710  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1  
Stowage category (IMDG) : A  
Stowage and handling (IMDG) : SW2  
Segregation (IMDG) : SGG10

### Air transport

UN-No. (IATA) : 1710  
PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y642  
PCA limited quantity max net quantity (IATA) : 2L

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

PCA packing instructions (IATA) : 655  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 663  
CAO max net quantity (IATA) : 220L  
ERG code (IATA) : 6A

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : 2Z

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : All the chemicals contained in this product are listed introductions

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : Labelling requirements for SUSMP do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing use. However, this product is labelled in accordance with the Safe Work Australia "Code of Practice" for workplace substances.

#### Australian Pesticides and Veterinary Medicines Authority (APVMA)

No additional information available

New Zealand Inventory of Chemicals ( NZIoC )	All substances are listed
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### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 19/09/2025  
Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation 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.

### Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC	International Agency for Research on Cancer

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

<b>Abbreviations and acronyms:</b>	
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
CAS	CAS (Chemical Abstracts Service) number
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF	Bioconcentration factor
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG	Transport of Australian Dangerous Goods
<b>Classification</b>	
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
Muta. 2	H341
Carc. 1B	H350
STOT SE 3	H336
Aquatic Chronic 2	H411
<b>Full text of H-statements</b>	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H350	May cause cancer
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

# TIP TOP CEMENT SC 2000

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0515

Full text of H-statements	
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.