

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations

Issue date: Revision date:21/06/2024 Supersedes:08/02/2023 Version: 2.6

SDS No: 00156-0210



### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : TIP TOP CEMENT BC 3004  
Product code : 525 4084, 525 4088, 525 4091, 525 4095, 525 4102, 525 4105, 525 4106, 525 4130, 525 4137 525 4143, 525 4144

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Adhesives

#### 1.4. Details of manufacturer or importer

##### Manufacturer

REMA TIP TOP AG  
65 Gruber Strasse  
Poing 85586  
Germany  
T +49 (0) 8121 / 707 - 100  
[info@tiptop.de](mailto:info@tiptop.de)

##### 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)

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment – Chronic Hazard, Category 1	H410

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

Hazard pictograms (GHS AU) :



Flame

Exclamation  
mark

Environment

Signal word (GHS AU) :

Danger

Contains :

Cyclohexane (< 40 %); Ethylacetate (< 40 %); Colophony (< 1 %); Other substances (not contributing to the classification of this product) (< 30 %)

Hazard statements (GHS AU) :

H225 - Highly flammable liquid and vapour  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS AU) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking.

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.  
P312 - Call a POISON CENTER, a doctor if you feel unwell.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
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

Other hazards not contributing to the classification : Vapours may form explosive mixture with air.

## SECTION 3: Composition and information on ingredients

Comments : Preparation in organic solvents.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Cyclohexane	110-82-7	< 40	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethylacetate (< 40 %)	141-78-6	< 40	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Other substances (not contributing to the classification of this product) (< 30 %)	-	< 30	Not classified
Zinc oxide	1314-13-2	< 5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Silicon dioxide	7631-86-9	≥ 1 – < 3	Not classified
Colophony (< 1 %)	8050-09-7	< 1	Skin Sens. 1, H317
Titanium dioxide	13463-67-7	< 1	Carc. 2, H351
<b>Specific concentration limits:</b>			

## 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. Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. 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.

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

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.

### 4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Aspiration hazard.

### 4.3. Medical attention and special treatment

Treatment	: Treat symptomatically.
-----------	--------------------------

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: high volume water jet.

### 5.2. Specific hazards arising from the chemical

Fire hazard	: Highly flammable liquid and vapour.
Explosion hazard	: Explosive vapour/air mixtures may be formed.
General measures	: In case of vapour formation use adequate respirator. Explosion free apparatus have to be used. Ensure adequate air ventilation. Evacuate personnel to a safe area. Remove ignition sources. Wear personal protective equipment.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO <sub>2</sub> ). 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	: * 3YE
Other information	: The vapour/air mixture is explosive, even in empty, uncleaned receptacles. 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. Explosion free apparatus have to be used. Ensure adequate air ventilation. Evacuate personnel to a safe area. Remove ignition sources. Wear personal protective equipment.
------------------	---

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours. Avoid contact with skin and eyes.
----------------------	--

#### 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.

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

### 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 containers dry and tightly closed to avoid moisture absorption and contamination. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use explosion-proof equipment. Avoid contact with skin, eyes and clothing. Vapours are heavier than air and may spread along floors.

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

Technical measures : Pay attention to explosion protection guidelines.  
Storage conditions : Keep container tightly closed in a dry, cool and well-ventilated place.  
Incompatible materials : oxidizing materials.  
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

Cyclohexane (110-82-7)	
Australia - Occupational Exposure Limits	
Local name	Cyclohexane
OES TWA	350 mg/m <sup>3</sup>
	100 ppm
OES STEL	1050 mg/m <sup>3</sup>
	300 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Ethylacetate (< 40 %) (141-78-6)	
Australia - Occupational Exposure Limits	
Local name	Ethyl acetate (Acetic acid ethyl ester; Acetic ester)
OES TWA	720 mg/m <sup>3</sup>
	200 ppm
OES STEL	1440 mg/m <sup>3</sup>
	400 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Zinc oxide (1314-13-2)	
Australia - Occupational Exposure Limits	
Local name	Zinc oxide
OES TWA	10 mg/m <sup>3</sup> dust
	5 mg/m <sup>3</sup> fume
OES STEL	10 mg/m <sup>3</sup> fume

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

Zinc oxide (1314-13-2)	
Remark (AU)	Dust: (a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Titanium dioxide (13463-67-7)	
Australia - Occupational Exposure Limits	
Local name	Titanium dioxide
OES TWA	10 mg/m <sup>3</sup>
Remark (AU)	(a) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)
Silicon dioxide (7631-86-9)	
Australia - Occupational Exposure Limits	
Local name	Fumed silica [Silica – Amorphous]
OES TWA	2 mg/m <sup>3</sup> respirable dust
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

### 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 : Splash 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
protective gloves	Butyl rubber	2 (> 30 minutes)	≥0.7		EN ISO 374

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

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

Skin and body protection :

Type	Standard
Chemical resistant apron	EN 467

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	In the event of insufficient ventilation:	EN 14387

Environmental exposure controls : Avoid release to the environment.

Other information : Do not inhale vapour. Wash hands before breaks and at the end of workday. Wash hands immediately after handling the product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Treat subsequently with skin cream.

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Blue
Odour	: Fruity
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	: Melting point: < 30 °C
Boiling point	: > 76 °C
Flash point	: -18 °C
Auto-ignition temperature	: 260 °C
Flammability	: No data available
Vapour pressure	: Vapour pressure: 104 hPa @ 20 °C
Relative density	: No data available
Density	: Density: 0.9 g/cm <sup>3</sup> @ 20 °C
Solubility	: Not miscible. at 20 °C.
Log Pow	: No data available
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s @ 40 °C
Viscosity, dynamic	: 2000 mPa·s
Explosive properties	: Product is not explosive. Explosive vapour/air mixtures may be formed.
Oxidising properties	: Not oxidising
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: 70 – 75 % VOC Directive 2004/42/EC - Decorative paints and varnishes
Fat solubility	: No data available
Efflux time	: > 30 sec, 3 mm DIN/ISO 2431
Solvent content	: < 80 %

### SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored normally.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Reacts with oxidants.
Conditions to avoid	: To avoid thermal decomposition, do not overheat. Vapour/air-mixtures are explosive at intense warming. Heating can release vapours which can be ignited.
Incompatible materials	: Strong oxidizing agent.
Hazardous decomposition products	: Hydrogen chloride gas. Carbon monoxide. Carbon dioxide.

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

#### Cyclohexane (110-82-7)

LD50 oral rat	> 12705 mg/kg
---------------	---------------

#### Zinc oxide (1314-13-2)

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

#### Titanium dioxide (13463-67-7)

LD50 oral rat	> 2000 mg/kg bodyweight (OECD 401 method) - Test method EU B.1 (bis)
---------------	--

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

<b>Titanium dioxide (13463-67-7)</b>	
LC50 Inhalation - Rat	5.09 mg/l (OECD 403 method)
<b>Silicon dioxide (7631-86-9)</b>	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 2.2 mg/l (OECD 403 method)

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
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

## 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)	: Very toxic to aquatic life with long lasting effects.
Other information	: Do not flush into surface water or sewer system.

<b>Cyclohexane (110-82-7)</b>	
LC50 fish 1	4 mg/l 72h, <i>Selenastrum capricornutum</i>
EC50 Daphnia 1	0.9 mg/l
BCF - Fish [2]	31 – 129 <i>Cyprinus carpio</i> (Common carp)

<b>Titanium dioxide (13463-67-7)</b>	
LC50 fish 1	> 100 mg/l <i>Oryzias latipes</i> (Ricefish) - (OECD 203 method)
EC50 Daphnia 1	> 100 mg/l <i>Daphnia magna</i> (Water flea) - (OECD 202 method)
NOEC (chronic)	≥ 50 mg/l activated sludge - (OECD 209 method)
NOEC chronic fish	≥ 1000 mg/l 8 d - <i>Brachydanio rerio</i> (zebra-fish) - (OECD 212 method)

<b>Silicon dioxide (7631-86-9)</b>	
LC50 fish 1	> 5000 mg/l <i>Pimephales promelas</i> - (OECD 203 method)
EC50 Daphnia 1	> 5000 mg/l <i>Daphnia magna</i> (Water flea) - (OECD 202 method)
EC50 - Other aquatic organisms [1]	> 2500 g/l activated sludge - (OECD 209 method) - Test method EU C.11
LOEC (chronic)	149.2 mg/l <i>Daphnia magna</i> (Water flea); 21 days
NOEC chronic crustacea	68 mg/l <i>Daphnia magna</i> (Water flea) - (OECD 211 method)

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

### 12.2. Persistence and degradability

#### TIP TOP CEMENT BC 3004

Persistence and degradability	No data available
-------------------------------	-------------------

### 12.3. Bioaccumulative potential

#### TIP TOP CEMENT BC 3004

Bioaccumulative potential	No data available.
---------------------------	--------------------

#### Cyclohexane (110-82-7)

BCF - Fish [2]	31 – 129 Cyprinus carpio (Common carp)
----------------	--

### 12.4. Mobility in soil

#### TIP TOP CEMENT BC 3004

Ecology - soil	No data available.
----------------	--------------------

### 12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)  
Other adverse effects : Significantly hazardous to water.




## 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.

## SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

ADG	IMDG	IATA
<b>14.1. UN number</b>		
1133	1133	1133
<b>14.2. UN Proper Shipping Name</b>		
ADHESIVES	ADHESIVES (Cyclohexane)	Adhesives
<b>14.3. Transport hazard class(es)</b>		
3	3	3
		
<b>14.4. Packing group</b>		
II - Substances presenting medium danger	II	II



# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

ADG	IMDG	IATA
<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) : 1133  
Limited quantities (ADG) : 5I  
Excepted quantities (ADG) : E2  
Packing instructions (ADG) : P001, IBC02  
Special packing provisions (ADG) : PP1  
Portable tank and bulk container instructions (ADG) : T4  
Portable tank and bulk container special provisions (ADG) : TP1, TP8

### Transport by sea

UN-No. (IMDG) : 1133  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP8  
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS  
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS  
Stowage category (IMDG) : B  
MFAG-No : 127

### Air transport

UN-No. (IATA) : 1133  
PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 353  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provisions (IATA) : A3  
ERG code (IATA) : 3L

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : \* 3YE

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

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

Australian Inventory of Industrial Chemicals (AICIS) : All components of this mixture are listed on or exempted from AICIS Inventory) status

# TIP TOP CEMENT BC 3004

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 00156-0210

### 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.

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 21/06/2024

Classification	
Flam. Liq. 2	H225
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
STOT SE 3	H336
Aquatic Chronic 1	H410

Full text of H-statements	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, 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
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
H410	Very toxic 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.