

# TIP TOP CEMENT PC-4

## Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations  
Issue date:05/04/2007 Revision date:27/10/2022 Supersedes:19/05/2019 Version:  
SDS No: 00156-0115



### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Mixture  
Product name : TIP TOP CEMENT PC-4  
Product code : 532 0352, 532 0369, 532 0372

#### 1.2. Other means of identification

No additional information available

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

Recommended use : Adhesive

#### 1.4. Details of manufacturer or importer

##### Supplier

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

##### Supplier

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
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336

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

Hazard pictograms (GHS AU) :



Flame

Exclamation  
mark

Signal word (GHS AU) : Danger  
Contains : Butanone (< 85 %); Other substances (not contributing to the classification of this product) (< 20 %)  
Hazard statements (GHS AU) : H225 - Highly flammable liquid and vapour  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 - Ground and bond container and receiving equipment.  
P261 - Avoid breathing vapours.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear eye protection, face protection, protective gloves, protective clothing.

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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.  
P337+P313 - If eye irritation persists: Get medical attention.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
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

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

## SECTION 3: Composition and information on ingredients

Comments : Preparation based on :  
Butanone.

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Butanone	78-93-3	< 85	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Other substances (not contributing to the classification of this product)	-	< 20	Not classified

## SECTION 4: First aid measures

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

First-aid measures general : Take off immediately all contaminated clothing. In the event of persistent symptoms receive medical treatment.  
First-aid measures after inhalation : Move to fresh air in case of accidental inhalation of vapours or decomposition products. In the event of persistent symptoms receive medical treatment.  
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. Rinse mouth out with water. Drink plenty of water. Never give anything by mouth to an unconscious person. 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 : Repeated exposure may cause skin dryness or cracking.  
Symptoms/effects after eye contact : Causes serious eye irritation.  
Symptoms/effects after ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

### 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 : Alcohol resistant foam. Water spray. Dry powder. 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 : Product is not explosive. Explosive vapour/air mixtures may be formed.  
General measures : In case of vapour formation use adequate respirator. Ensure adequate air ventilation.  
Remove ignition sources. Use personal protective clothing.  
Hazardous decomposition products in case of fire : In case of fire: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

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

Firefighting instructions : Fight fire remotely due to the risk of explosion.  
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 : Vapours are heavier than air and may spread along floors. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.

### 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.  
Remove ignition sources. Use personal protective clothing.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 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.

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

For containment : Collect spillage.  
Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). 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 : Take precautionary measures against static discharge. Do not smoke. Handle uncleaned empty containers as full ones. Keep away from heat and sources of ignition. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Ensure good ventilation of the work station. Keep container tightly closed. Use explosion-proof equipment.  
Hygiene measures : Do not inhale vapour. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Keep away from sources of ignition. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
- Incompatible materials : Refer to Section 10 on Incompatible 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

Butanone (78-93-3)	
Australia - Occupational Exposure Limits	
Local name	Methyl ethyl ketone (MEK; 2-Butanone)
OES TWA [1]	445 mg/m <sup>3</sup>
OES TWA [2]	150 ppm
OES STEL	890 mg/m <sup>3</sup>
OES STEL [ppm]	300 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

### 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	Butyl rubber	5 (> 240 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
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		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. Do not eat, drink or smoke during use. Treat subsequently with skin cream.

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### SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Yellow
Odour	: Like ketone
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: No data available
Boiling point	: ≈ 80 °C
Flash point	: -4 °C
Auto-ignition temperature	: 514 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure: ≈ 101 hPa @ 20 °C
Relative density	: No data available
Density	: Density: 0.83 g/cm <sup>3</sup> @ 20 °C
Solubility	: Partially soluble. at 20 °C. Water: 350 g/l
Log Pow	: No data available
Explosive properties	: Product is not explosive. Flammable or explosive vapour/air mixtures may be formed.
Oxidising properties	: Non oxidizing
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: < 85 %
Fat solubility	: No data available
Additional information	: Solvent content < 85%. Solvent separation test (%) 0

### SECTION 10: Stability and reactivity

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: oxidizing materials.
Conditions to avoid	: Vapour/air-mixtures are explosive at intense warming. Heating can release vapours which can be ignited.
Incompatible materials	: Oxidizing agent.
Hazardous decomposition products	: No hazardous decomposition products known. Thermal decomposition generates : Carbon oxides (CO, CO <sub>2</sub> ). Nitrogen oxides.

### SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.

#### Butanone (78-93-3)

STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: High concentration of vapours may induce: headache, nausea, dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

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### SECTION 12: Ecological information

#### 12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified  
Other information : Do not flush into surface water or sewer system. Ecological injuries are not known or expected under normal use.

#### 12.2. Persistence and degradability

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Persistence and degradability	No data available.

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No data available.

#### 12.4. Mobility in soil

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Ecology - soil	No data available.

#### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : Low hazard to waters.

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Fluorinated greenhouse gases	False

Butanone (78-93-3)	
Fluorinated greenhouse gases	False

Other substances (not contributing to the classification of this product)	
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 : Packaging that cannot be cleaned should be disposed of like the product. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Empty containers should be taken for local recycling, recovery or waste disposal.

### SECTION 14: Transport information

#### 14.1. UN number

UN-No. (ADG) : 1133  
UN-No. (IMDG) : 1133  
UN-No. (IATA) : 1133

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### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG) : ADHESIVES  
Proper Shipping Name (IMDG) : ADHESIVES  
Proper Shipping Name (IATA) : Adhesives

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) : 3  
Danger labels (ADG) : 3



#### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3  
Danger labels (IATA) : 3



### 14.4. Packing group

Packing group (ADG) : II - Substances presenting medium danger  
Packing group (IMDG) : II  
Packing group (IATA) : II

### 14.5. Environmental hazards

Marine pollutant : No  
Dangerous for the environment : No  
Other information : No supplementary information available

### 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

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### Transport by sea

UN-No. (IMDG)	: 1133
Transport regulations (IMDG)	: Transport in accordance with section 2.3.2.5 of the IMDG (viscous substance) may be applied
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

### 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 Inventory) status : All components of this mixture are listed on or exempted from AICIS

#### 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



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### SECTION 16: Other information

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 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
Revision date	: 27/10/2022
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.

Classification	
Flam. Liq. 2	H225
Eye Irrit. 2A	H319
STOT SE 3	H336

Full text of H-statements	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

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.