

## Safety Data Sheet

according to UK REACH Regulation

### TIP TOP CHEMONIT 20 KTW unv.

Revision date: 04.10.2023

Product code: 00156-0453

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

TIP TOP CHEMONIT 20 KTW unv.

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

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

Corrosion protection rubber

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

###### Manufacturer

Company name: REMA TIP TOP AG  
Street: Gruber Strasse 65  
Place: D-85586 Poing  
Telephone: +49 (0) 8121 / 707 - 100  
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

###### Supplier

Company name: REMA TIP TOP AUTOMOTIVE UK LTD  
Street: Westland Square, LEEDS  
Place: West Yorkshire, LS11 5XS  
Telephone: +44 (0)113 2770044  
E-mail: info@tip-top.co.uk  
Internet: www.rema-tiptop.co.uk

##### 1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### GB CLP Regulation

Skin Irrit. 2; H315  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

###### GB CLP Regulation

Signal word: Warning

Pictograms:



###### Hazard statements

H315 Causes skin irritation.  
H412 Harmful to aquatic life with long lasting effects.

###### Precautionary statements

P302+P352 IF ON SKIN: Wash with plenty of water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P273 Avoid release to the environment.

###### Special labelling of certain mixtures

EUH208 Contains Zinc di(benzothiazol-2-yl) disulphide. May produce an allergic reaction.

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#### Additional advice on labelling

According to Regulation (EC) No 1272/2008 Annex I section 1.3.4 [Metals in massive form, alloys, mixtures containing polymers, mixtures containing elastomers] this product is not subject to labelling. As an article the product does not need to be labelled in accordance with EC-regulations or respective national laws.

#### 2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance. The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Crude rubber with antioxidant and accelerator

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
7704-34-9	sulfur			< 30 %
	231-722-6	016-094-00-1	01-2119487295-27	
	Skin Irrit. 2; H315			
1314-13-2	Zinc oxide			< 1 %
	215-222-5	030-013-00-7	01-2119463881-32	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
155-04-4	Zinc di(benzothiazol-2-yl) disulphide			< 0,5 %
	205-840-3		01-2119493020-50	
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410			

Full text of H and EUH statements: see section 16.

##### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
7704-34-9	231-722-6	sulfur	< 30 %
	oral: LD50 = > 5000 mg/kg		
1314-13-2	215-222-5	Zinc oxide	< 1 %
	Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1		

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No hazards which require special first aid measures.

##### After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

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#### After contact with skin

Wash with water and soap as a precaution.

#### After ingestion

Ingestion is not considered a potential route of exposure.

#### **4.2. Most important symptoms and effects, both acute and delayed**

May cause sensitization of susceptible persons by skin contact.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Any extinguishing means and measures are acceptable. Fire-extinguishing activities according to surrounding.

##### **Unsuitable extinguishing media**

Full water jet

#### **5.2. Special hazards arising from the substance or mixture**

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NOx).

#### **5.3. Advice for firefighters**

Use breathing apparatus with independent air supply.

Protective suit.

#### **Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

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 advice**

Ensure adequate ventilation.

Keep away noninvolved persons.

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

Avoid contact with skin, eyes and clothing.

##### **For emergency responders**

Use personal protection equipment.

In case of vapour formation use respirator.

#### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/ground water.

#### **6.3. Methods and material for containment and cleaning up**

##### **For containment**

No special measures required.

##### **For cleaning up**

Take up mechanically and collect in suitable container for disposal.

Where possible recycling is preferred to disposal.

#### **6.4. Reference to other sections**

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

### SECTION 7: Handling and storage



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#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

Do not breathe vapours.  
Avoid contact with the skin and the eyes.

##### **Advice on protection against fire and explosion**

Keep away from open flames, hot surfaces and sources of ignition.  
The product is flammable but not readily ignited.

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

##### **Requirements for storage rooms and vessels**

Keep in a dry, cool place.

##### **Hints on joint storage**

Incompatible with:  
Nitrous acid and other nitrosating agents.

##### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

#### 7.3. Specific end use(s)

Corrosion protection rubber

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### **Additional advice on limit values**

This product does not contain any substances for which a Workplace Exposure Limit has been set in concentrations above the limits.

#### 8.2. Exposure controls

##### **Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

##### **Protective and hygiene measures**

Wash hands before breaks and immediately after handling the product.  
When using do not eat, drink or smoke.

##### **Eye/face protection**

No eye / face protection normally required.

##### **Hand protection**

Protective gloves  
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 (DIN EN ISO 6530)

##### **Respiratory protection**

In case of respirable dust and/or fumes, use a self-contained breathing apparatus.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Various
Odour:	Characteristic
pH-Value:	n.a.

##### **Changes in the physical state**

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Melting point/freezing point:	n.a.
Boiling point or initial boiling point and boiling range:	n.a.
Sublimation point:	n.a.
Softening point:	n.d.
Flash point:	n.a.

**Flammability**

Solid/liquid: Not highly flammable

**Explosive properties**

The product is not explosive.

Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Auto-ignition temperature:	n.a.

**Self-ignition temperature**Solid: The product is not self-igniting  
Gas: n.a.

Decomposition temperature: n.d.

**Oxidizing properties**

Not oxidising.

Vapour pressure:	n.a.
Density (at 23 °C):	approx. 1,565 g/cm <sup>3</sup>
Bulk density:	n.a.
Water solubility: (at 20 °C)	insoluble

**Solubility in other solvents**

n.d.

Partition coefficient n-octanol/water:	n.a.
Viscosity / dynamic:	n.a.
Viscosity / kinematic:	n.a.
Flow time:	n.a.
Relative vapour density:	n.a.
Evaporation rate:	n.a.
Solvent separation test:	0 %
Solvent content:	0 %

**9.2. Other information**

Solid content: 100 %

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**Reacts with:  
Nitrous acid and other nitrosating agents.

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#### **10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

#### **10.5. Incompatible materials**

Nitrous acid and other nitrosating agents.

#### **10.6. Hazardous decomposition products**

An inappropriate handling, for instance major amounts of product combined with strong heat and nitrosating agents, renders possible a cleavage of nitrosamines in traces.

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO<sub>x</sub>).

### SECTION 11: Toxicological information

#### **11.1. Information on hazard classes as defined in GB CLP Regulation**

##### **Acute toxicity**

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

No toxicological data available.

##### **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

##### **Irritation and corrosivity**

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

##### **Sensitising effects**

Contains Zinc di(benzothiazol-2-yl) disulphide. May produce an allergic reaction.

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

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

##### **STOT-single exposure**

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

##### **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.

##### **Additional information on tests**

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

#### **11.2. Information on other hazards**

##### **Endocrine disrupting properties**

No data available

##### **Other information**

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

May cause sensitization of susceptible persons by skin contact.

### SECTION 12: Ecological information

#### **12.1. Toxicity**

Ecological data are not available.

Because of the low solubility a toxicity to aquatic organisms is not to be expected.

#### **12.2. Persistence and degradability**

No data available

#### **12.3. Bioaccumulative potential**

No data available

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#### **12.4. Mobility in soil**

No data available

#### **12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

#### **12.6. 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.

#### **12.7. Other adverse effects**

No data available

#### **Further information**

Do not flush into surface water or sanitary sewer system.  
Ecological injuries are not known or expected under normal use.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

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

##### **List of Wastes Code - residues/unused products**

191204 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE; wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified; plastic and rubber

##### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

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

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

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

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.

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**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

2004/42/EC (VOC): 0 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

#### National regulatory information

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 2,6,7,8,9,10,11,12,15.

### 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

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



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**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Zinc di(benzothiazol-2-yl) disulphide. May produce an allergic reaction.

**Further Information**

Data of items 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.

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

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