

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 1 of 9

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

TIP TOP RUBBER T2-A

**Art.-No.**

517 7300, 517 7323, 517 7324, 517 7347

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Repair material for compound master

**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 INDUSTRY UK LTD  
Street: Plumtree Industrial Estate, Harworth  
Place: Doncaster, DN11 8EW, South Yorkshire  
Telephone: +44 (0)1302 711233  
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**

Repr. 1B; H360FD  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine

**Signal word:** Danger**Pictograms:****Hazard statements**

H360FD May damage fertility. May damage the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P273 Avoid release to the environment.

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 2 of 9

P391 Collect spillage.

**Special labelling of certain mixtures**

EUH208 Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine. May produce an allergic reaction.

**Additional advice on 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**

Raw rubber of caoutchouc and other additives

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
1314-13-2	Zinc oxide			< 5 %
	215-222-5	030-013-00-7	01-2119463881-32	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
7704-34-9	Sulphur			< 5 %
	231-722-6	016-094-00-1	01-2119487295-27	
	Skin Irrit. 2; H315			
26780-96-1	Poly(1,2-dihydro-2,2,4-trimethylquinoline)			1 - < 5 %
	500-051-3		01-2119486783-23	
	Aquatic Chronic 3; H412			
793-24-8	N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine			< 1 %
	212-344-0		01-2119485839-15	
	Repr. 1B, Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H360FD H302 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	Sulphur	< 5 %
	oral: LD50 = > 5000 mg/kg		
793-24-8	212-344-0	N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine	< 1 %
	dermal: LD50 = > 7940 mg/kg; oral: LD50 = 893 mg/kg M acute; H400: M=10 M chron.; H410: M=10		

**SECTION 4: First aid measures**

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 3 of 9

**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.

**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 (CO), carbon dioxide (CO<sub>2</sub>) and sulphur oxides (SO<sub>x</sub>)

**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.

**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 protective clothing.

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.

## Safety Data Sheet

according to UK REACH Regulation

### TIP TOP RUBBER T2-A

Revision date: 24.08.2022

Product code: 00156-0373

Page 4 of 9

#### 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

#### 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)

Repair material for compound master

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL

#### 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

If used properly, no need to wear eye protection.

##### 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.

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 5 of 9

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

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

**Changes in the physical state**

Melting point/freezing point:	n.d.
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:	n.d.
Gas:	n.a.

**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:	n.a.
Gas:	n.a.

Decomposition temperature:	n.d.
----------------------------	------

**Oxidizing properties**

Not oxidising.

Vapour pressure:	n.a.
------------------	------

Density (at 23 °C):	1,19 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:	n.a.
--------------------------	------

Solvent content:	0 %
------------------	-----

**9.2. Other information**

Solid content:	100 %
----------------	-------

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 6 of 9

**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**

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

**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.

**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.

**Irritation and corrosivity**

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

**Sensitising effects**

Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine. May produce an allergic reaction.

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

May damage fertility. May damage the unborn child. (N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: 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**

May cause sensitization of susceptible persons by skin contact.

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

**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 7 of 9

**SECTION 12: Ecological information****12.1. Toxicity**

Ecological data are not available.

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**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.

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

**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.

No data available

**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**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

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

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

**Contaminated packaging**

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

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

## Safety Data Sheet

according to UK REACH Regulation

### TIP TOP RUBBER T2-A

Revision date: 24.08.2022

Product code: 00156-0373

Page 8 of 9

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

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

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 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

Water hazard class (D):

- - non-hazardous to water

#### 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): 1,2,6.

#### 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



**Safety Data Sheet**

according to UK REACH Regulation

**TIP TOP RUBBER T2-A**

Revision date: 24.08.2022

Product code: 00156-0373

Page 9 of 9

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

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

Classification	Classification procedure
Repr. 1B; H360FD	Calculation method
Aquatic Chronic 2; H411	Calculation method

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H360FD	May damage fertility. May damage the unborn child.
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.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine. 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)

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