



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

### 1.1. Product identifier

REMA TIP TOP REPAIR PATCH

#### **Art.-No.**

EC-SDS applicable for following products:

Tube-Patch, Tyre Repair Patches of series RAD100, RAD200, RAD500, PN, FRU, MTC, Radial-E, Diagonal-E, UP, M-RCV and M-RCF

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

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

Rubberpatch for repair of radial and diagonal tyres.

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

Company name: REMA TIP TOP AG  
Street: Gruber Strasse 63  
Place: D-85586 Poing  
Telephone: +49 (0) 8121 / 707 - 0  
Verantwortlich für das Sicherheitsdatenblatt: sds@gbk-ingelheim.de

### 1.4. Emergency telephone

**number:** INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
England and Wales: NHS Direct - 0845 4647; Scotland: NHS 24 - 08454 24 24  
24

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Directive 1999/45/EC.

#### **Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

### 2.2. Label elements

#### **Additional advice on labelling**

As an article the product does not need to be labelled in accordance with EC-directives or respective national laws.

### 2.3. Other hazards

Not known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### **Chemical characterization**

Vulcanized product of rubber, sulphur and other additives with tyre cord (fabric).

## 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.

#### **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 and sulphur oxides.

### 5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

Protective suit.

#### **Additional information**

Cool containers at risk with water spray jet.

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

Ensure adequate ventilation.

In case of vapour formation use respirator.

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and 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

### 7.1. Precautions for safe handling

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

Do not breath vapours that may be evolved during processing.

#### **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.

#### **Advice on storage compatibility**

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)

Rubberpatch for repair of radial and diagonal tyres.

---

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 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.

**Hand protection**

Protective gloves resistant to chemicals made off natural-rubber latex, minimum coat thickness 0.6 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.  
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 (EN 368).

**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:	Black
Odour:	Rubbery
Flash point:	n.a.
Lower explosion limits:	n.a.
Upper explosion limits:	
Density:	n.d.
Water solubility: (at 20 °C)	insoluble
Ignition temperature:	n.a.

**9.2. Other information**

No data available.

**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.

**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**

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

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**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**

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

**STOT-single exposure**

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

**Severe effects after repeated or prolonged exposure**

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

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

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.

**Further 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.

Product contains low quantities of cancerogenic and mutagenic components. Nevertheless it is not hazardous to health if inhaled, swallowed or in case of contact with skin under this form.

---

**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.

**12.4. Mobility in soil**

No data available.

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

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

**12.6. 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**

**Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

**Waste disposal number of waste from 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); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)**

### 14.1. UN number:

No hazardous material as defined by the transport regulations.

### 14.2. UN proper shipping name:

No hazardous material as defined by the transport regulations.

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

No hazardous material as defined by the transport regulations.

### 14.4. Packing group:

No hazardous material as defined by the transport regulations.

### 14.5. Environmental hazards

No hazardous material as defined by the transport regulations.

### 14.6. Special precautions for user

No hazardous material as defined by the transport regulations.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No hazardous material as defined by the transport regulations.

---

## SECTION 15: Regulatory information

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

#### EU regulatory information

1999/13/EC (VOC): 0%

#### National regulatory information

### 15.2. Chemical safety assessment

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

---

## SECTION 16: Other information

### 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

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

### 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.

---

**Safety Data Sheet** according to Regulation (EC) No 1907/2006

REMA TIP TOP AG

Revision date: 27.01.2015

Revision No: 2,01



**REMA TIP TOP REPAIR PATCH**

00156-0361

---

(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.)*