

# Safety Data Sheet

according to WHMIS

## TIP TOP PRIMER S 500-2

Revision date: 03.12.2024

Product code: 00156-0132

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### 1. Identification

#### Product identifier

TIP TOP PRIMER S 500-2

#### Art.-No.

525 2310, 525 2341, 525 2358, 525 2480, 525 2488

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

##### Use of the substance/mixture

Primer Coat

#### 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 / North America Inc.  
Street: 1500 Industrial Blvd  
Place: Madison, GA 30650, USA  
Telephone: +1 800 225 7362,  
Internet: www.rematiptop.com

#### Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
(001) 352 323 3500 Infotrac/GBK GmbH-ID: 93591

### 2. Hazard identification

#### Classification of the substance or mixture

##### WHMIS 2015

Flammable liquids: Flam. Liq. 3  
Acute toxicity: Acute Tox. 4 (dermal)  
Acute toxicity: Acute Tox. 4 (inhalation)  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Irrit. 2A  
Reproductive toxicity: Repr. 2  
Specific target organ toxicity - single exposure: STOT SE 3 (respiratory tract irritation)  
Specific target organ toxicity - repeated exposure: STOT RE 2

#### Label elements

##### WHMIS 2015

Signal word: Warning

Pictograms:



#### Hazard statements

Flammable liquid and vapour.  
Harmful in contact with skin or if inhaled.  
Causes skin irritation.  
Causes serious eye irritation.

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Suspected of damaging the unborn child.  
May cause respiratory irritation.  
May cause damage to organs through prolonged or repeated exposure.

#### Precautionary statements

Obtain special instructions before use.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Take action to prevent static discharges.  
Get medical advice/attention if you feel unwell.  
Store in a well-ventilated place. Keep cool.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.  
Vapours may form explosive mixture with air.

### 3. Composition/information on ingredients

#### Mixtures

##### Chemical characterization

Preparation with aromatic hydrocarbons

##### Hazardous components

CAS No	Chemical name	Quantity
	Reaction mass of ethylbenzene and xylene	70 - 75 %

### 4. First-aid measures

#### Description of first aid measures

##### General information

Remove contaminated soaked clothing immediately.  
In the event of persistent symptoms receive medical treatment.  
Take away from danger area and lay down affected person.

##### After inhalation

Move to fresh air in case of accidental inhalation of vapours.  
In the event of symptoms refer for medical treatment.

##### After contact with skin

Wash off immediately with soap and plenty of water.  
Treat subsequently with skin cream.  
Consult a doctor if skin irritation persists.

##### After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical treatment by eye specialist.

##### After ingestion

Do not induce vomiting.  
Rinse mouth.  
Never give anything by mouth to an unconscious person.  
Summon a doctor immediately.  
Induce vomiting only upon the advice of a physician.

#### Most important symptoms and effects, whether acute or delayed

Harmful in contact with skin or if inhaled.  
Causes serious eye irritation.  
May cause respiratory irritation.  
Causes skin irritation.



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May cause damage to organs through prolonged or repeated exposure.  
Suspected of damaging the unborn child.

#### Indication of immediate medical attention and special treatment needed

Treat symptoms.

## 5. Fire-fighting measures

### Extinguishing media

#### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

#### **Unsuitable extinguishing media**

Full water jet.

### Specific hazards arising from the hazardous product

Fire may produce:

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

Hydrogen chloric gas.

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

Wear self-contained breathing apparatus and protective suit.

### **Additional information**

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **General advice**

Ensure adequate ventilation.

Keep away sources of ignition.

Keep away noninvolved persons.

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

Do not breathe vapours. Avoid contact with skin, eyes and clothing.

#### **For emergency responders**

In case of vapour formation use respirator.

Use personal protective clothing.

### Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

### Methods and material for containment and cleaning up

#### **For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

#### **For cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

Clean contaminated surface thoroughly.

### Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal look up chapter 13.

## 7. Handling and storage



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### Precautions for safe handling

#### Advice on safe handling

- Keep container tightly closed.
- Use only in area provided with appropriate exhaust ventilation.
- In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

#### Advice on protection against fire and explosion

- Keep product and empty container away from heat and sources of ignition.
- Pay attention to anti-explosion rules.
- Do not smoke.
- Take precautionary measures against static discharges.

#### Advice on general occupational hygiene

- Do not inhale vapours.
- Avoid contact with eyes and skin.
- Wash hands before breaks and immediately after handling the product.
- When using do not eat, drink or smoke.
- Remove and wash contaminated clothes before re-use.

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

- Keep containers tightly closed in a cool, well-ventilated place.
- Keep away from heat and sources of ignition.

#### Hints on joint storage

- Incompatible with:  
strong oxidizing agents, strong acids and strong bases

#### Further information on storage conditions

- Keep away from food, drink and animal feeding stuffs.

## 8. Exposure controls/Personal protection

### Control parameters

#### Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
100-41-4	Ethyl benzene	20			TWA (8 h)	ACGIH-2024
1330-20-7	Xylene: mixed isomers	20			TWA (8 h)	ACGIH-2024

### Exposure controls

#### Appropriate engineering controls

- Ensure adequate ventilation, especially in confined areas.
- Pay attention to explosion protection guidelines.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

- Tightly fitting goggles.
- Eye wash bottle with pure water.

##### Hand protection

- Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) > 240 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de. 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.



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#### Skin protection

Long sleeved clothing.

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Black
Odour:	Aromatic

#### Changes in the physical state

Melting point/freezing point:	n. d.
Boiling point or initial boiling point and boiling range:	n. d.
Sublimation point:	n.a.
Softening point:	n. d.
Flash point:	25 °C

#### Flammability

Solid/liquid:	n.a.
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#### Explosive properties

The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated.

Lower explosive limits:	n. d.
Upper explosive limits:	n. d.

#### Self-ignition temperature

Solid:	n.a.
Gas:	n.a.

Decomposition temperature:	n. d.
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pH-Value:	n. d.
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Viscosity / dynamic:	n. d.
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Viscosity / kinematic: (at 40 °C)	> 217 mm <sup>2</sup> /s
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Flow time: (at 20 °C)	n. d.
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Water solubility:	Immiscible
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Partition coefficient n-octanol/water:	n. d.
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Vapour pressure: (at 20 °C)	n. d.
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Density (at 20 °C):	0,92 - 0,96 g/cm <sup>3</sup>
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Bulk density:	n.a.
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Relative vapour density:	n. d.
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### Other information

#### Information with regard to physical hazard classes

Sustaining combustion:	Sustaining combustion
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Oxidizing properties

Not oxidising.

#### Other safety characteristics

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Solvent separation test:	0 %
Solvent content:	< 75 %
Evaporation rate:	n. d.

**Further Information**

No data available.

## 10. Stability and reactivity

**Reactivity**

No decomposition if stored and applied as directed.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Reactions with acids, alkalies and oxidising agents.

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Vapours may form explosive mixture with air.

**Incompatible materials**

Strong oxidizing agents

Strong acids and strong bases

**Hazardous decomposition products**

No hazardous decomposition products known.

Fire may produce:

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

Hydrogen chloride gas

## 11. Toxicological information

**Information on toxicological effects****Acute toxicity**

Harmful in contact with skin.

Harmful if inhaled.

No toxicological data available.

ATEmix/dermal: ~ 1600 mg/kg

ATEmix/inhalation: ~ 15 mg/l (vapour)

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) 1222 mg/kg; ATE (inhalation vapour) 12,19 mg/l; ATE (inhalation dust/mist) 1,667 mg/l

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

**Sensitizing effects**

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

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

Suspected of damaging fertility or the unborn child.

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**

May cause respiratory irritation. (Reaction mass of ethylbenzene and xylene)

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#### **STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure. (Reaction mass of ethylbenzene and xylene; xylene)

#### **Aspiration hazard**

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

#### **Information on likely routes of exposure**

Skin and eye contact, inhalation and ingestion.

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

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

#### **Information on other hazards**

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

No data available

##### **Further information**

Contact with eyes may cause irritation.

Inhalation of vapours in high concentration can cause narcotic effects.

Inhalation of high vapour concentration may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

## 12. Ecological information

#### **Ecotoxicity**

Ecological data are not available.

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meet the criteria.

#### **Other adverse effects**

Hazardous water pollutant.

#### **Further information**

Do not flush into surface water or sanitary sewer system.

## 13. Disposal considerations

#### **Waste treatment methods**

##### **Disposal recommendations**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

##### **Contaminated packaging**

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.

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

## 14. Transport information

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#### Canadian TDG

**UN number:** UN 1133  
**Proper shipping name:** Adhesives  
**Hazard classes:** 3  
**Packing group:** III  
 Hazard label: 3  
 Limited quantity: 5L



#### Marine transport (IMDG)

**UN number or ID number:** UN 1133  
**United Nations proper shipping name:** Adhesives  
**Transport hazard class(es):** 3  
**Packing group:** III  
 Hazard label: 3



Marine pollutant: No  
 Limited quantity: 5 L / 30 kg  
 Excepted quantity: E1  
 EmS: F-E, S-D

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

**UN number or ID number:** UN 1133  
**United Nations proper shipping name:** Adhesives  
**name:**  
**Transport hazard class(es):** 3  
**Packing group:** III  
 Hazard label: 3



Limited quantity Passenger: 10 L  
 Passenger LQ: Y344  
 Excepted quantity: E1  
 IATA-packing instructions - Passenger: 355  
 IATA-max. quantity - Passenger: 60 L  
 IATA-packing instructions - Cargo: 366  
 IATA-max. quantity - Cargo: 220 L

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 15. Regulatory information

#### Canadian regulations

##### DSL/NDSL inventory status

All components are listed on the DSL Inventory.



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#### National Pollutant Release Inventory (NPRI)

Xylene (mixed isomers) (1330-20-7)  
Ethylbenzene (100-41-4)  
Toluene (108-88-3)

#### WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

## 16. Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,9.

#### 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

#### Further Information

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release 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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*