

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**TIP TOP RCF SEALER PLUS**

Revision date: 07/10/2025

Product code: 00156-0428

Page 1 of 9

**1. Identification****Product identifier**

TIP TOP RCF SEALER PLUS

**Art.-No.**

515 9091, 599 2100

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Tyre sealing material

**Details of the supplier of the safety data sheet**

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  
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de  
**Emergency phone number:** (USA domestic) 1 800 535 5053 or international (001) 352 323 3500  
Infotrac/GBK GmbH-ID: 93591

**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

Specific target organ toxicity repeated or prolonged exposure: STOT RE 2

**Label elements****29 CFR Part 1910.1200****Signal word:** Warning**Pictograms:****Hazard statements**

May cause damage to organs through prolonged or repeated exposure

**Precautionary statements**Do not breathe vapour.  
Get medical advice/attention if you feel unwell.**Hazards not otherwise classified**

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

**3. Composition/information on ingredients****Mixtures****Chemical characterization**

Aqueous solution

**Hazardous components**

CAS No	Components	Quantity
107-21-1	Ethane-1,2-diol	< 5 %



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### TIP TOP RCF SEALER PLUS

Revision date: 07/10/2025

Product code: 00156-0428

Page 2 of 9

#### 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.

###### After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

###### After contact with skin

Wash off with soap and plenty of water.  
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.  
If eye irritation persists, consult a specialist.

###### After ingestion

Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.  
Never give anything by mouth to an unconscious person.  
Call a physician immediately.

##### Most important symptoms and effects, both acute and delayed

May cause damage to organs through prolonged or repeated exposure.  
Inhalation of vapours may cause mild irritation to the mucous membrane.  
Repeated or prolonged exposure may cause irritation of eyes and skin.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

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

Treat symptoms.

#### 5. Fire-fighting measures

##### Extinguishing media

###### Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.  
Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.  
Sand

###### Unsuitable extinguishing media

Full water jet.

##### Specific hazards arising from the chemical

Fire may produce:  
carbon monoxide and carbon dioxide

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

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.

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### TIP TOP RCF SEALER PLUS

Revision date: 07/10/2025

Product code: 00156-0428

Page 3 of 9

#### 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.

#### 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.

#### Reference to other sections

Observe protective instructions (see Sections 7 and 8).  
Information for disposal look up chapter 13.

## 7. Handling and storage

#### Precautions for safe handling

##### Advice on safe handling

Keep container tightly closed.  
Avoid contact with the skin and the eyes.

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

No special protective measures against fire required.

##### Advice on general occupational hygiene

Avoid contact with eyes and skin.  
Wash hands before breaks and at the end of workday.  
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 container tightly closed in a dry, cool and well-ventilated place.

##### Hints on joint storage

Incompatible with oxidizing agents.

##### Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

## 8. Exposure controls/personal protection

#### Control parameters

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**TIP TOP RCF SEALER PLUS**

Revision date: 07/10/2025

Product code: 00156-0428

Page 4 of 9

**Exposure limits**

CAS No	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
1333-86-4	Carbon black (in presence of polycyclic aromatic hydrocarbons (PAHs)) (as PAHs)	-	0.1		TWA (8 h)	REL
1333-86-4	Carbon black (inhalable fraction)		3		TWA (8 h)	ACGIH-2024
1333-86-4	Carbon black	-	3.5		TWA (8 h)	PEL
107-21-1	Ethylene glycol (vapor fraction)	25			TWA (8 h)	ACGIH-2024
		50			STEL (15 min)	ACGIH-2024

**Exposure controls****Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Safety goggles with side protection.

**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.

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.

**Skin protection**

Long sleeved clothing.

**Respiratory protection**

No personal respiratory protective equipment normally required.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Liquid
Color:	Black
Odor:	Soft

**Changes in the physical state**

Melting point/freezing point:	- 5 °C
Boiling point or initial boiling point and boiling range:	n.d.
Sublimation point:	n.a.
Softening point:	n.d.
Flash point:	n.a.

**Flammability**

Solid/liquid:	n.a.
---------------	------

**Explosive properties**

The product is not explosive.

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

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**TIP TOP RCF SEALER PLUS**

Revision date: 07/10/2025

Product code: 00156-0428

Page 5 of 9

**Self-ignition temperature**

Solid: n.a.

Gas: n.a.

Decomposition temperature: n.d.

pH-Value (at 20 °C): 8,1

Viscosity / dynamic: 16000 - 20000 mPa·s  
(at 25 °C)

Viscosity / kinematic: n.d.

Flow time: n.d.

Water solubility: Miscible  
(at 20 °C)**Solubility in other solvents**

n.d.

Partition coefficient n-octanol/water: n.d.

Vapor pressure: n.d.

Density (at 20 °C): 1,0 g/cm<sup>3</sup>

Bulk density: n.a.

Relative vapour density: n.d.

**Other information****Information with regard to physical hazard classes**

Oxidizing properties

Not oxidising.

**Other safety characteristics**

Solvent separation test: 0 %

Solvent content: 0 %

Evaporation rate: n.d.

**Further Information**

No data available

**10. Stability and reactivity****Reactivity**

No decomposition if stored and applied as directed.

**Chemical stability**

Stability: Stable

Stable under normal conditions.

**Possibility of hazardous reactions**

Hazardous reactions: Will not occur

Reactions with oxidizing agents.

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Heating can release vapours which can be ignited.

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

No hazardous decomposition products known.



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### TIP TOP RCF SEALER PLUS

Revision date: 07/10/2025

Product code: 00156-0428

Page 6 of 9

Fire may produce:  
Carbon monoxide and carbon dioxide

## 11. Toxicological information

### Route(s) of Entry

Skin and eye contact and ingestion.

### Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.  
No toxicological data available.

Ethane-1,2-diol

LD50/oral/rat: 5840 mg/kg

LD50/dermal/rabbit: 9530 mg/kg

LC50/inhalativ/rat: 50100 mg/m<sup>3</sup>/8 h

LDLo/oral/Human: 398 mg/kg

#### 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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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

#### Sensitizing effects

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

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

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

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

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

#### Specific target organ toxicity (STOT) - single exposure

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

#### Specific target organ toxicity (STOT) - repeated exposure

May cause damage to organs through prolonged or repeated exposure (Ethane-1,2-diol)

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): Carbon black (CAS 1333-86-4) is listed in group 2B.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

#### Aspiration hazard

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

#### Additional information on tests

This product is classified in accordance with the GHS regulations.

### Information on other hazards

#### Endocrine disrupting properties

No data available

#### Other information

Inhalation of vapours may cause mild irritation to the mucous membrane.

Repeated or prolonged exposure may cause irritation of eyes and skin.

## 12. Ecological information

### Ecotoxicity

Ecological data are not available.

Ethane-1,2-diol

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**TIP TOP RCF SEALER PLUS**

Revision date: 07/10/2025

Product code: 00156-0428

Page 7 of 9

LC50/Oncorhynchus mykiss/96 h = 40761 mg/l

EC50/Daphnia magna/48 h = 41100 mg/l

**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 meets the criteria.

**Other adverse effects**

Slightly water hazardous.

**Further information**

Ecological injuries are not known or expected under normal use.

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**

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

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.

**14. Transport information****U.S. DOT 49 CFR 172.101****Proper shipping name:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****UN number or ID number:**

No dangerous good in sense of this transport regulation.

**UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**Special precautions for user**

No dangerous good in sense of this transport regulation.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No dangerous good in sense of this transport regulation.



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### TIP TOP RCF SEALER PLUS

Revision date: 07/10/2025

Product code: 00156-0428

Page 8 of 9

## 15. Regulatory information

### U.S. Regulations

#### National regulatory information

SARA Section 304 CERCLA:

Ethylene glycol (107-21-1): Reportable quantity = 5,000 (2270) lbs. (kg)

SARA Section 311/312 Hazards:

Ethylene glycol (107-21-1): Immediate (acute) health hazard, Delayed (chronic) health hazard

SARA Section 313 Toxic release inventory:

Ethylene glycol (107-21-1): De minimis limit = 1.0 %, Reportable threshold = Standard

Clean Air Act Section 112(b):

Ethylene glycol (107-21-1)

### State Regulations

#### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

WARNING: This product can expose you to chemicals including Ethylene glycol (ingested) (developmental); Carbon black (airborne, unbound particles of respirable size) (cancer), which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 16. Other information

### Hazardous Materials Identification System (HMIS)

Health: 1

Flammability: 0

Physical Hazard: 0

### NFPA Hazard Ratings

Health: 1

Flammability: 0

Reactivity: 0

Unique Hazard:



### Changes

Revision date: 10.07.2025

Revision No: 1,4

This data sheet contains changes from the previous version in section(s): 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

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**TIP TOP RCF SEALER PLUS**

Revision date: 07/10/2025

Product code: 00156-0428

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

**Other data**

The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions.

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.)*