1. Identification

Product identifier

TIP TOP CHEMONIT 3B, 31 unv.

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

Use of the substance/mixture

Corrosion protection rubber

Details of the supplier of the safety data sheet

Company name: TIP TOP Oberflaechenschutz Elbe GmbH
Street: Heuweg 4
Place: D-06886 Wittenberg
Telephone: +49(0)3491/635-50 Telefax: +49(0)3491/635-552
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

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

Further Information

EC-SDS applicable for following products:
Chemonit 3B, Chemonit 31 (unvulcanized)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

Skin corrosion/irritation: Skin Irrit. 2
Respiratory or skin sensitization: Skin Sens. 1

Label elements

WHMIS 2015

Signal word: Warning

Pictograms:

Hazard statements

Causes skin irritation.
May cause an allergic skin reaction.

Precautionary statements

IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.

Additional advice on labelling

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

Other hazards

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

Crude rubber with antioxidant and accelerator

Hazardous components

CAS No	Chemical name	Quantity
7704-34-9	sulfur	< 25 %
68411-20-1	Butanal, reaction products with aniline	< 1 %

4. First-aid measures

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.

Most important symptoms and effects, whether acute or delayed

May cause sensitization of susceptible persons by skin contact.

Indication of immediate medical attention and special treatment needed

Treat symptoms.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

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

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 (NOx).

Special protective equipment and precautions for fire-fighters

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.

6. Accidental release measures

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.

Environmental precautions

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

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.

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

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.

Advice on general occupational hygiene

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

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.

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m³	F/ml	Category	Origin
7782-42-5	Graphite (all forms except graphite fibers) (respirable fraction)		2		TWA (8 h)	ACGIH-2024
9006-04-6	Natural rubber latex as inhalable allergenic protein	-	0.0001		TWA (8 h)	ACGIH-2024

Additional advice on limit values

No data available

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

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.

Respiratory protection

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

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Various
Odour:	Characteristic

Changes in the physical state

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.
:	n.a.
Flash point:	n.a.

Explosive properties

The product is not explosive.

Lower explosive limits:	n.a.
Upper explosive 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.
pH-Value:	n.a.
Viscosity / dynamic:	n.a.
Viscosity / kinematic:	n.a.
Water solubility: (at 20 °C)	Insoluble

Solubility in other solvents

n. d.

Partition coefficient n-octanol/water:	n.a.
Vapour pressure:	n.a.
Density (at 23 °C):	1,12 - 1,18 g/cm³
Bulk density:	n.a.
Relative vapour density:	n.a.

Other information

Information with regard to physical hazard classes

Oxidizing properties

Not oxidising.

Other safety characteristics

Solvent separation test:	0 %
Solvent content:	0 %
Solid content:	100 %
Evaporation rate:	n.a.

10. Stability and reactivity

Reactivity

No decomposition if stored and applied as directed.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Reacts with:
Nitrous acid and other nitrosating agents.

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Incompatible materials

Nitrous acid and other nitrosating agents.

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 (NOx).

11. Toxicological information

Information on toxicological effects

Acute toxicity

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

ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 5000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

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

Sensitizing effects

May cause an allergic skin reaction. (Butanal, reaction products with aniline)

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.

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.

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.

12. Ecological information

Ecotoxicity

Ecological dates are not available.
Because of the low solubility a toxicity to aquatic organisms is not to be expected.

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

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.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

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

Contaminated packaging

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

14. Transport information

Canadian TDG

Proper shipping name: No dangerous good in sense of this transport regulation.

Hazard classes:

Marine transport (IMDG)

UN number or ID number: No dangerous good in sense of this transport regulation.

United Nations 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.
United Nations 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

15. Regulatory information

Canadian regulations

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
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.)