

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 1 of 11

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

1.1. Product identifier

TIP TOP FIXPASTE VC4-B

Art.-No.

516 9025, 516 9032, 516 9033, 516 9034, 516 9040, 516 9041, 516 9049, 516 9056, 516 9063, 516 9087

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

Use of the substance/mixture

Filler rubber

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 2; H225

Skin Irrit. 2; H315

Eye Irrit. 2; H319

Skin Sens. 1; H317

STOT SE 3; H336

Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Naphtha (petroleum)

zinc bis(dibutyldithiocarbamate)

Signal word: Danger

Pictograms:



Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 2 of 11

| | |
|----------------|--|
| P280 | smoking. |
| P303+P361+P353 | Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P273 | Avoid release to the environment. |

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.
Vapours may form explosive mixture with air.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation in aliphatic hydrocarbons

Hazardous components

| CAS No | Chemical name | Quantity | | |
|------------|--|--------------|------------------|--|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 64742-49-0 | Naphtha (petroleum) (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclic compounds, < 3% n-hexane) | < 25 % | | |
| | 921-024-6 | | 01-2119475514-35 | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 | | | |
| 64742-49-0 | Naphtha (petroleum) (Hydrocarbons, C6, isoalkanes, < 3% n-hexane) | < 10 % | | |
| | 931-254-9 | | 01-2119484651-34 | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 | | | |
| 14634-93-6 | Zinc-bis (N-ethyl-N-phenyldithiocarbamate) | < 10 % | | |
| | 238-677-1 | | 01-2120768610-54 | |
| | Aquatic Acute 1, Aquatic Chronic 1; H400 H410 | | | |
| 1314-13-2 | Zinc oxide | < 5 % | | |
| | 215-222-5 | 030-013-00-7 | 01-2119463881-32 | |
| | Aquatic Acute 1, Aquatic Chronic 1; H400 H410 | | | |
| 5459-93-8 | n-Cyclohexyl-N-ethylamine | < 3 % | | |
| | 226-733-8 | | 01-2119949285-29 | |
| | Flam. Liq. 3, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Chronic 3; H226 H311 H332 H302 H314 H318 H412 | | | |
| 136-23-2 | zinc bis(dibutyldithiocarbamate) | < 2,5 % | | |
| | 205-232-8 | 006-081-00-9 | 01-2119535161-51 | |
| | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H315 H319 H317 H335 H400 H410 | | | |

Full text of H and EUH statements: see section 16.

Further Information

According to note P to the directive 67/548/EEC, "Naphta (petroleum)" is not to be classified as "carcinogenic" ingredient because a benzene content (EINECS No. 200-753-7) is below 0.1 % by weight.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 3 of 11

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.
If you feel unwell, seek medical advice.
Take away from danger area and lay down affected person.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.
Refer for medical treatment.

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.
Summon a doctor immediately.

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.
Summon a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction.
May cause drowsiness or dizziness.
Attention. Beware, danger of aspiration.

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

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce:
Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO_x).

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.
Protective suit.

Additional information

Cool containers at risk with water spray jet.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Vapours are heavier than air and spread along ground.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 4 of 11

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Keep a good ventilation and air-exhaust at the place of work.
Vapours are heavier than air and spread along ground.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.
Do not smoke.
Take precautionary measures against static discharges.
Use only explosion-proof equipment.

7.2. 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.
Pay attention to anti-explosion protection rules.

Hints on joint storage

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Filler rubber

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

| CAS No | Substance | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|-----------|---|-----|-------------------|---------------------|---------------|--------|
| 1332-58-7 | Kaolin, respirable dust | - | 2.0 | | TWA (8 h) | |
| 9006-04-6 | Natural Rubber Latex (as inhalable allergenic proteins) | - | 0.0001 | | TWA (8 h) | |
| 1314-13-2 | Zinc oxide, fume (Respirable Fraction) | - | 2 | | TWA (8 h) | |
| | | - | 10 | | STEL (15 min) | |



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 5 of 11

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.

Treat subsequently with skin cream.

Remove and wash contaminated clothing before re-use.

Eye/face protection

Tightly fitting goggles (EN 166).

Eye wash bottle with pure water (EN 15154).

Hand protection

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> 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 (DIN EN ISO 6530)

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A) (EN 14387).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------------------|
| Physical state: | Pasty |
| Colour: | Beige |
| Odour: | Like petrol (gasoline) |

Test method

pH-Value: n.d.

Changes in the physical state

Melting point/freezing point: < - 20 °C *)

Boiling point or initial boiling point and boiling range: 60 - 95 °C *)

Sublimation point: n.a.

Softening point: n.d.

Flash point: - 25 °C *)

Flammability

Solid: n.a.

Gas: n.a.

Explosive properties

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

Lower explosion limits: 1,0 vol. % *)

Upper explosion limits: 7,3 vol. % *)

Auto-ignition temperature: 413 °C *)

Self-ignition temperature



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 6 of 11

| | |
|--|--------------------------------|
| Solid: | n.a. |
| Gas: | n.a. |
| Decomposition temperature: | n.d. |
| Oxidizing properties | |
| Not oxidising. | |
| Vapour pressure: (at 20 °C) | 150 hPa *) |
| Density (at 20 °C): | approx. 1,04 g/cm ³ |
| Bulk density: | n.a. |
| Water solubility: (at 20 °C) | Immiscible |
| Solubility in other solvents | |
| n.d. | |
| Partition coefficient n-octanol/water: | n.d. |
| Viscosity / dynamic: | n.d. |
| Viscosity / kinematic: (at 40 °C) | > 20,5 mm ² /s |
| Flow time: | > 100 s 6 DIN/ISO 2431 |
| Relative vapour density: | n.d. |
| Evaporation rate: | n.d. |
| Solvent separation test: | < 3 % |
| Solvent content: | < 30 % |

9.2. Other information

*) Naphtha (petroleum)

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

Reactions with oxidising agents.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.
Heating can release vapours which can be ignited.
Vapour/air-mixtures are explosive at intense warming.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO_x).
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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 7 of 11

Acute toxicity

Based on available data, the classification criteria are not met.
No toxicological data available.
Naphtha (petroleum)
LD50/oral/rat: > 2000 mg/kg (Estimated)
LD50/dermal/rabbit: > 2000 mg/kg (Estimated)
LC50/inhalativ/rat: > 20 mg/l (Estimated)

Irritation and corrosivity

Causes skin irritation.
Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (zinc bis(dibutyldithiocarbamate))

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (Naphtha (petroleum) (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclic compounds, < 3% n-hexane))

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.

Practical experience

Other observations

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
A longer or repeated contact may lead to irritation of eyes and mucous membranes.
Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.
Naphtha (petroleum)
LC50/EC50/EC50 : 1 - 10 mg/l (Estimated)
Very toxic to aquatic life with long lasting effects.

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

Hazard to waters.

Further information

Do not flush into surface water or sanitary sewer system.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 8 of 11

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

List of Wastes Code - residues/unused products

080409 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 containing organic solvents or other hazardous substances; hazardous waste

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.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|-----------|
| 14.1. UN number: | UN 1133 |
| 14.2. UN proper shipping name: | Adhesives |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |



| | |
|--------------------------|-------------|
| Classification code: | F1 |
| Limited quantity: | 5 L / 30 kg |
| Excepted quantity: | E1 |
| Transport category: | 3 |
| Tunnel restriction code: | E |

Other applicable information (land transport)

Receptacle max. 450 L, ADR subsection 2.2.3.1.4

Inland waterways transport (ADN)

| | |
|--|-----------|
| 14.1. UN number: | UN 1133 |
| 14.2. UN proper shipping name: | Adhesives |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |



| | |
|----------------------|-------------|
| Classification code: | F1 |
| Limited quantity: | 5 L / 30 kg |
| Excepted quantity: | E1 |

Marine transport (IMDG)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 9 of 11

| | |
|--|---------------------------------|
| 14.1. UN number: | UN 1133 |
| 14.2. UN proper shipping name: | Adhesives (Naphtha (petroleum)) |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. Packing group: | III |
| Hazard label: | 3 |



| | |
|--------------------|-------------|
| Marine pollutant: | Yes |
| Limited quantity: | 5 L / 30 kg |
| Excepted quantity: | E1 |
| EmS: | F-E, S-D |

Other applicable information (marine transport)

Receptacle max. 450 L, IMDG Code subsection 2.3.2.2

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|-----------|
| 14.1. UN number: | UN 1133 |
| 14.2. UN proper shipping name: | Adhesives |
| 14.3. Transport hazard class(es): | 3 |
| 14.4. 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: | 30 L (*) |
| IATA-packing instructions - Cargo: | 366 |
| IATA-max. quantity - Cargo: | 100 L (*) |

Other applicable information (air transport)

*) [3.3.3.1 IATA DGR]

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

**14.6. Special precautions for user**

Handle in accordance with good industrial hygiene and safety practice.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

The transport takes place only in approved and appropriate packaging.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 10 of 11

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 40, Entry 75

2004/42/EC (VOC): < 30 %

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

Additional information: E1

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

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): 1,2,4,8,14,15.

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 int er

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

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.



Safety Data Sheet

according to Regulation (EC) No 1907/2006

TIP TOP FIXPASTE VC4-B

Revision date: 20.01.2020

Product code: 00156-0113

Page 11 of 11

| | |
|------|---|
| 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. |

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.)