

Safety Data Sheet

according to WHMIS

TIP TOP PRIMER HG 2

Revision date: 28.11.2024

Product code: 00359-1082

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1. Identification**Product identifier**

TIP TOP PRIMER HG 2

Art.-No.

525 2970, 525 2987, 525 2994, 525 3060

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

Company name: TIP TOP Oberflächenschutz 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**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

Respiratory or skin sensitization: Skin Sens. 1A

Reproductive toxicity: Repr. 2

Reproductive toxicity: Lact.

Specific target organ toxicity - single exposure: STOT SE 3 (respiratory tract irritation)

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 1

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.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

Suspected of damaging the unborn child.

May cause harm to breast-fed children.

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May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take action to prevent static discharges.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Get medical advice/attention.
Store in a well-ventilated place. Keep cool.

Other hazards

Vapours may form explosive mixture with air.

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

Polymer in organic solvent

Hazardous components

CAS No	Chemical name	Quantity
	Reaction mass of ethylbenzene and xylene	50 - 80 %
85535-85-9	Alkanes, C14-17, chloro; chlorinated paraffins, C14-17	< 10 %
108-88-3	Toluene	< 1 %

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.
Seek medical treatment immediately.

After contact with skin

Wash off with soap and plenty of water.
Possible risk of resorption through skin.
Consult a doctor if skin irritation persists.

After contact with eyes

Remove contact lens.
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 out mouth and give plenty of water to drink.
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 skin irritation.

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Causes serious eye irritation.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.
May cause harm to breastfed babies.
Suspected of damaging the unborn child.
Attention. Beware, danger of aspiration.
May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed

Treat symptoms.
Symptoms of poisoning may not appear for several hours. Keep under medical supervision for at least 48 hours.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**

Foam, carbon dioxide (CO₂), 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_x).
Hydrogen chloride (HCl)
Chlorine and traces of phosgene.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Cool containers at risk with water spray jet.
Backfire at a long distance is possible.
Vapours are heavier than air and spread along ground.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
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

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

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).

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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**Precautions for safe handling****Advice on safe handling**

Keep container tightly closed.
Vapours are heavier than air and spread along ground.
Keep a good ventilation and air-exhaust at the place of work.
Avoid contact with skin, eyes and clothing.

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.

Advice on general occupational hygiene

Do not inhale vapours.
Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.
Avoid contact with skin, eyes and clothing.
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.
Pay attention to anti-explosion rules.

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****Exposure limits (ACGIH)**

CAS No	Chemical name	ppm	mg/m ³	F/ml	Category	Origin
100-41-4	Ethyl benzene	20			TWA (8 h)	ACGIH-2024
108-88-3	Toluene	20	-		TWA (8 h)	ACGIH-2024
1330-20-7	Xylene: mixed isomers	20			TWA (8 h)	ACGIH-2024

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Biological limit values

CAS No	Chemical name	Parameter	Value	Test material	Sampling time
108-88-3	TOLUENE (ACGIH 2024)	Toluene	0.02 mg/L	blood	Prior to last shift of workweek
100-41-4	ETHYLBENZENE (ACGIH 2024)	Sum of mandelic acid and phenylglyoxylic acid (creatinine)	0.15 g/g	urine	End of shift

Exposure controls**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

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

Tightly fitting goggles.

Eye wash bottle with pure water.

Hand protection

Chemical protective gloves made of nitrile, nitrile/cotton, butyl or neoprene, with a minimum thickness of 0.7 mm, permeation time of approx. 480 minutes.

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.

Pls. find examples in the GISBAU protective gloves database under:

<http://www.wingisonline.de/handschuhe/frmMain.aspx>**Skin protection**

Solvent-resistant apron.

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.
Auto-ignition temperature:	n.d.

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Self-ignition temperature

Solid: n.a.

Gas: n.a.

Decomposition temperature: n.d.

pH-Value: n.d.

Viscosity / dynamic: n.d.

Viscosity / kinematic: > 538 mm²/s
(at 25 °C)

Flow time: n.d.

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

n.d.

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

Vapour pressure: n.d.

Density (at 20 °C): 0,93 - 0,97 g/cm³

Bulk density: n.a.

Relative vapour density: n.d.

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

Sustaining combustion: Sustaining combustion

Oxidizing properties

Not oxidising.

Other safety characteristics

Solvent separation test: 0 %

Solvent content: < 80 %

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 strong oxidizing agents.

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Fire may produce:

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

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Hydrogen chloride (HCl)
Chlorine and traces of phosgene.

11. Toxicological information**Information on toxicological effects****Acute toxicity**

Harmful in contact with skin.
Harmful if inhaled.
No toxicological data available.
ATEmix/dermal: ~ 1460 mg/kg
ATEmix/inhalation: ~ 15 mg/l/4 h

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) 1375 mg/kg; ATE (inhalation vapour) 13,71 mg/l; ATE (inhalation dust/mist) 1,875 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Causes serious eye irritation.

Sensitizing effects

May cause an allergic skin reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of damaging fertility or the unborn child. (Toluene)
May cause harm to breast-fed children. (Alkanes, C14-17, chloro; chlorinated paraffins, C14-17)
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)

STOT-repeated exposure

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

Other information

Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough.
Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.
Possible risk of resorption through skin.
Inhalation of high vapour concentration may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Attention. Beware, danger of aspiration.
May cause sensitization of susceptible persons by skin contact.

12. Ecological information**Ecotoxicity**

Ecological data are not available.

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Very toxic to aquatic life with long lasting effects.

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

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**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:

Yes

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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
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: Yes

**15. Regulatory information****Canadian regulations****DSL/NDSL inventory status**

All components are listed on the DSL Inventory.

National Pollutant Release Inventory (NPRI)

Xylene (mixed isomers) (1330-20-7)

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): 2,4,9,11,12,14.

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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.)