



## Safety Data Sheet

according to UK REACH Regulation

### TIP TOP E-GLASS MAT / TT-GLASS MAT

Revision date: 28.07.2023

Product code: 00359-1058

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

##### 1.1. Product identifier

TIP TOP E-GLASS MAT / TT-GLASS MAT

##### Art.-No.

590 0222, 590 0239, 590 0246, 590 0253, 590 0260, 590 0277, 590 0300, 590 0310, 590 3061, 590 3800, 590 3801, 590 3802, 590 3803, 590 3804, 590 3805, 590 3806, 590 3807.

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

##### Use of the substance/mixture

filler

##### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

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	

##### Supplier

Company name:	REMA TIP TOP INDUSTRY UK LTD
Street:	Plumtree Industrial Estate, Harworth
Place:	Doncaster, DN11 8EW, South Yorkshire
Telephone:	+44 (0)1302 711233
Internet:	www.rema-tiptop.co.uk

##### 1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)  
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

##### GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

##### 2.2. Label elements

##### Additional advice on labelling

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

##### 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.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

##### Chemical characterization

Borate-calcium-aluminosilicate glass with low alkali content.



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#### Further Information

Because of their greater filament diameter, these fibres are not inhalable as defined by the WHO.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove and wash contaminated clothing before re-use.

##### After inhalation

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

In the event of symptoms refer for medical treatment.

##### After contact with skin

Wash with water and soap as a precaution.

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

Rinse out mouth and give plenty of water to drink.

In the event of symptoms refer for medical treatment.

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

Breathing dust and fibres may cause temporary irritation to mouth, nose and throat.

Skin or eye contact may cause temporary mechanical irritation.

Ingestion of dust and fibres may cause temporary mechanical irritation of the digestive system.

#### 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

Product does not burn, fire-extinguishing activities according to surrounding.

Foam, carbon dioxide (CO<sub>2</sub>), 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 and carbon dioxide

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

#### 5.3. Advice for firefighters

In case of fire, wear suitable respiratory equipment with positive air supply.

Protective suit.

#### Additional information

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

### SECTION 6: Accidental release measures

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

##### General advice

Ensure adequate ventilation.

Avoid dust formation.

Keep away noninvolved persons.

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**For non-emergency personnel**

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

**For emergency responders**

In case of respirable dust, use a self-contained breathing apparatus.  
Use personal protective clothing.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/ground water.

**6.3. Methods and material for containment and cleaning up****For containment**

Avoid dust formation.

**For cleaning up**

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.  
Where possible recycling is preferred to disposal.

**6.4. Reference to other sections**

Observe protective instructions (see Sections 7 and 8).  
Information for disposal see section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Keep container tightly closed.  
Avoid the formation and deposition of dust.  
Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

**Advice on protection against fire and explosion**

No special protective measures against fire required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

No special precautions required.

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**7.3. Specific end use(s)**

filler

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

Because of their greater filament diameter, these fibres are not inhalable as defined by the WHO.  
Obey TLV for common dust, if applicable.

**8.2. Exposure controls****Appropriate engineering controls**

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

**Protective and hygiene measures**

Do not breathe dust.  
Wash hands before breaks and at the end of workday.  
When using do not eat, drink or smoke.  
Remove and wash contaminated clothing before re-use.

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**Eye/face protection**

Safety goggles with side protection (EN 166).

**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 protective gloves database under: <http://bestglove.com/site/chemrest/>**Skin protection**

Long sleeved clothing (DIN EN ISO 6530)

**Respiratory protection**

Breathing apparatus (particle filter) only if dust is formed.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	Solid
Colour:	White
Odour:	Odourless

**Test method**

pH-Value: n.a.

**Changes in the physical state**

Melting point/freezing point: approx. 1200 °C

Boiling point or initial boiling point and boiling range: n.a.

Sublimation point: n.a.

Softening point: approx. 850 °C DIN ISO 4625

Flash point: n.a.

**Flammability**Solid/liquid: n.d.  
n.a.**Explosive properties**

The product is not explosive.

Lower explosion limits: n.a.

Upper explosion limits: n.a.

Auto-ignition temperature: n.a.

**Self-ignition temperature**

Solid: n.d.

Gas: n.a.

Decomposition temperature: n.d.

**Oxidizing properties**

Not oxidising.

Vapour pressure: n.a.

Density (at 20 °C): approx. 2,6 g/cm<sup>3</sup>

Bulk density: n.d.

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Water solubility: insoluble  
(at 20 °C)

**Solubility in other solvents**  
n.d.

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

Viscosity / dynamic: n.a.

Viscosity / kinematic: n.a.

Flow time: n.a.

Relative vapour density: n.a.

Evaporation rate: n.a.

Solvent separation test: 0 %

Solvent content: 0 %

**9.2. Other information**

Solid content: 100 %

**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**

No hazardous reactions known.

**10.4. Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition.

**10.5. Incompatible materials**

No materials to be especially mentioned.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

Fire may produce:

carbon monoxide and carbon dioxide

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

No toxicological data available.

**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**

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

**Sensitising effects**

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

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

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



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**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.

**11.2. Information on other hazards****Endocrine disrupting properties**

No data available

**Other information**

Breathing dust and fibres may cause temporary irritation to mouth, nose and throat.

Skin or eye contact may cause temporary mechanical irritation.

Ingestion of dust and fibres may cause temporary mechanical irritation of the digestive system.

According to tests on glass fibres for reinforcement purposes carried out by the WHO, classification provisions for carcinogenic or mutagenic hazards do not apply if these have the form of a continuous filament.

**SECTION 12: Ecological information****12.1. Toxicity**

Ecological data are not available.

**12.2. Persistence and degradability**

Not readily biodegradable.

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. 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.

**12.7. Other adverse effects**

No data available

**Further information**

Ecological injuries are not known or expected under normal use.

Do not flush into surface water or sanitary sewer system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Can be landfilled, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

**List of Wastes Code - residues/unused products**

080299 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 other coatings (including ceramic materials); wastes not otherwise specified

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**Contaminated packaging**

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

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

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

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

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

2004/42/EC (VOC):	0 %
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Water hazard class (D): -- non-hazardous to water

**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): 1,2,6,7,10,11,12.



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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 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.)*