



1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

TIP TOP FILLER F1

Art.-No.:

590 0088

Use of the substance/preparation

Filler

Company/undertaking identification

TIP TOP Oberflächenschutz Elbe GmbH

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Responsible Department

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Responsible for the safety data sheet: sds@gbk-ingelheim.de

2. Hazards identification

Classification

Indications of danger : Harmful

R-phrases :

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
238-878-4	14808-60-7	Quartz	50 - 60 %	Xn R48/20

Full text of each relevant R phrase can be found in heading 16.

4. 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

No specific precautions required.

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

In the event of symptoms refer for medical treatment.



5. Fire-fighting measures

Suitable extinguishing media

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

Extinguishing media which must not be used for safety reasons

Full water jet

Special protective equipment for fire-fighters

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

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures

Personal precautions

In case of respirable dust, use a self-contained breathing apparatus.

Ensure adequate ventilation.

Use personal protective clothing.

Environmental precautions

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

Methods for cleaning up/taking up

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.

Additional information

Where possible recycling is preferred to disposal.

7. Handling and storage

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.

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Protect from moisture.

Keep from freezing.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI)

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8. Exposure controls/personal protection

Exposure limit values

Exposure controls



Occupational exposure controls

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

Protective and hygiene measures

Do not inhale 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.

Respiratory protection

Dust mask (EN 149)

Hand protection

Chemical protective glove 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/>

Eye protection

Safety goggles with side protection

Skin protection

Long sleeved clothing.

9. Physical and chemical properties

General information

Physical state	Powder
Colour	White
Odour	Odourless

Important health, safety and environmental information

	Test method
Changes in the physical state	
Melting point	1610 °C
Flash point	n.a.
Flammability	
Lower explosion limits	n.a.
Ignition temperature	n.a.
Density :	2,65 g/cm ³
Water solubility : at (20 °C)	More or less insoluble

10. Stability and reactivity

Conditions to avoid

Protect from moisture.

Additional information

No decomposition if stored and applied as directed.



11. Toxicological information

Empirical data on effects on humans

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

When dust is produced, slight irritations of eyes and mucous membranes are possible.

Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

12. Ecological information

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

Advice on disposal

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Where possible recycling is preferred to disposal.

Waste disposal number of waste from 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

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

Land transport (ADR/RID)

Inland waterways transport

Marine transport

Air transport

Other applicable information

No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling

Additional advice on labelling

According to EC-regulations the product is to be labelled as follows:

Indication of danger

Xn - Harmful

Hazardous component(s) to be indicated on label

Quartz

R phrases

48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.



S phrases

- 22 Do not breathe dust.
35 This material and its container must be disposed of in a safe way.
38 In case of insufficient ventilation, wear suitable respiratory equipment.

National regulatory information

Employment restrictions	Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class (D) 1999/13/EC (VOC)	- - not water contaminating 0 %

16. Other information

Full text of R-phrases referred to under sections 2 and 3

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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.)