



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	3551705 Vermiculite Platten 100 mm
Manufacturer/distributor	TGK GmbH Helleforthstraße 18 - 20, D-33758 Schloß Holte - Stukenbrock Phone 05207 91280, Fax 05207 912840 E-Mail tgk@tgk.de Internet www.tgk.de
Advice	Phone 05207 91280 Fax 05207 912840
Emergency advice	Phone 05207 91280

2. HAZARDS IDENTIFICATION

Classification
no

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

CAS No	EC No	Name	[%]	Classification
1318-00-9		Vermiculite		
1312-76-1		Potassium Silicate		

4. FIRST AID MEASURES

General information

Take affected person into fresh air.

Due to the physical form of the product, the following precautions are relevant only in case of cutting.

Allergies: Leave location.

In case of inhalation

Ensure of fresh air.

Leave location.

In case of skin contact

No special measure necessary.

In case of eye contact

In case of contact with eyes rinse thoroughly with water.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

The product is non-flammable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

not to apply

Methods for cleaning up

Absorbe product.

Additional Information

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

No special precautions.

Requirements for storage rooms and vessels

Various standard packings available.

No special measures required.

Further information on storage conditions

Store in a dry place.

No law-enforced requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

no

Respiratory protection

In case of dust formation wear micro dust mask.

The use of dust filters is recommended when cutting the product.

Hand protection

No special protection required.

Eye protection

Protective glasses recommended when cutting the product.

General protective measures

Do not inhale dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

porous board

Colour

sand coloured

Important health, safety and environmental information

Value	Temperature	at	Method	Remark
-------	-------------	----	--------	--------



	Value	Temperature	at	Method	Remark
pH value in delivery state	8,5				
melting point	1300 °C				
Bulk density	375 - 700 kg/ m ³				
Solubility in water	2 Gew-%	20 °C			
Solubility/other					organic: 0

10. STABILITY AND REACTIVITY

Additional information

Stable unter normal circumstances.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	not applicable			
Irritability eye	Mechanical irritation.			
Skin sensitization	not applicable			

Additional information

Inhalation of dust may irritate the upper air passage.
Long-term effects not known.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Spills or waste can be removed as general building waste.

Chemicals waste group: H

If during use the product takes us foreign substances, this must be taken into account on removal.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

Not classified.

Transport/further information

No hazardous material as defined by the prescriptions.



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)
Revision 14.12.2007 (GB) Version 0.0
3551705 Vermiculite Platten 100 mm

15. REGULATORY INFORMATION

Remarks for classification

None

National regulations

16. OTHER INFORMATION

Training advice

none

Recommend uses and restrictions

High-temperature insulation in kilns and furnaces.

Max. service temperature 1100 centigrade.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.