

Date of issue: 08.01.2010

Version: 0001

n.ap. = not applicable

n.av. = not available



**1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Identification of the substance or mixture**

Trade name **GUTEX® Multiplex-top 28/35/22 mm**

Product number **gute0024**

Substance code **n.av.**

**1.2 Use of the substance/mixture**

The product is used as an insulating board.

**1.3 Company/undertaking identification**

GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG

Gutenberg 5

D-79761 Waldshut-Tiengen

Telephone: int+49-(0)7741-6099-0

Fax: int+49-(0)7741-6099-57

e-mail-address of the competent person responsible for this Safety Data Sheet:

urban-finking.gefstoff@t-online.de

**1.4 Emergency telephone number**

GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG

Telephone: int+49-(0)7741-6099-0

The phone is number is available only during office hours.

**2. Hazards identification**

**2.1 Classification**

The product is not dangerous within the meaning of the current version of Directive 1999/45/EC.

**2.2 Critical hazards to man**

Avoid absolutely formation of dust during processing and treatment.

According to the German TRGS 905 wood dust is classified as carcinogenic category 3 (C3: limited evidence of a carcinogenic effect).

In case of release of wood dust, generation of flammable or explosive mixtures of wood dust or wood chips with atmospheric oxygen is possible.

**2.3 Critical hazards to the environment**

None.

**3. Composition/information on ingredients**

This product is a wood-fiber board in accordance with industrial standards DIN EN 13171. It is hydrophobed on the basis of paraffin and polyurethane resin as an addition.

**3.1 Substances presenting a health / environmental hazard within the meaning of Directive 67/548/EEC**

CAS number	EC number	Identification	m %	Symbols	R phrases
n.ap.	n.ap.	n.ap.	n.ap.	n.ap.	n.ap.

For further details see heading 15.

**3.2 Substances for which there are Community workplace exposure limits, which are not already included under heading 3.1 (see also heading 8.)**

No substances.

**3.3 Additional information**

None.

**4. First aid measures**

**4.1 General information**

None.

**4.2 after inhalation**

If liberated dust is inhaled, ensure supply of fresh air. In the event of symptoms take medical treatment.

**4.3 after contact with skin**

No special measures necessary.

**4.4 after contact with eyes**

If wood particles get into the eyes, rinse thoroughly with plenty of water.

In the event of symptoms take medical treatment. Do not rub eyes, cornea damage is possible by mechanical stress.

---

Trade name: GUTEX® Multiplex-top 28/35/22 mm  
Company/Undertaking: GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG  
Gutenberg 5, D-79761 Waldshut-Tiengen. Telephone int+49-(0)7741-6099-0  
Date of issue: 08.01.2010  
Product number: gute0024

---

- 4.5 **after ingestion**  
n.ap.
- 4.6 **Hints for the physician**  
**Symptoms** n.av.  
**Hazards** No particular hazards known.  
**Treatment** Treat symptomatically.
- 4.7 **First aid equipment**  
n.ap.
- 4.8 **Additional remarks**  
None.
- 

5. **Fire-fighting measures**
- 5.1 **Suitable extinguishing media**  
Water spray jet.
- 5.2 **Extinguishing media which must not be used for safety reasons**  
None.
- 5.3 **Special exposure hazards arising from the substance or mixture itself, combustion products, resulting gases**  
Risk of formation of toxic pyrolysis products.
- 5.4 **Special protective equipment for fire-fighters**  
In enclosed areas use self-contained breathing apparatus.
- 5.5 **Further information**  
Classification of fire reaction rating as per EN 13501-1: European Class E (normal inflammable).
- 

6. **Accidental release measures**
- 6.1 **Personal precautions** (see also heading 8., Personal protective equipment)  
No special measures necessary if used correctly.
- 6.2 **Environmental precautions** (see also heading 13., Disposal considerations)  
No special measures necessary if used correctly.
- 6.3 **Methods for cleaning up**  
Pick up broken pieces mechanically.
- 6.4 **Additional information**  
None.
- 

7. **Handling and storage** (National measures see headings 15. and 16.)
- 7.1 **Handling**
- 7.1.1 **Advice on safe handling**  
No special measures necessary if used correctly. The product is combustible.  
Avoid release of dust and dust deposits during processing and treatment.  
In the case of formation of dust ensure local exhaust ventilation.
- 7.1.2 **Advice on protection against fire and explosion**  
In case of release of wood dust, generation of flammable or explosive mixtures of wood dust or wood chips with atmospheric oxygen is possible. Keep away from sources of ignition. Do not smoke.  
Take precautionary measures against static discharges.  
Avoid release of dust and dust deposits during processing and treatment.  
In the case of formation of dust ensure local exhaust ventilation.
- 7.2 **Storage**
- 7.2.1 **Requirements for storage rooms and vessels**  
No special measures necessary.
- 7.2.2 **Advice on storage compatibility**  
None.
- 7.2.3 **Further information on storage conditions**  
Store in a dry place.
- 7.2.4 **Storage class (for Germany only)**  
LGK 11 (Flammable solids) in accordance with the VCI Guideline for the mixed storage of chemicals.
- 7.3 **Specific use(s)**  
Used as sub plate board.  
Observe technical data sheet.
-

Trade name:	GUTEX® Multiplex-top 28/35/22 mm	
Company/Undertaking:	GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG	
	Gutenberg 5, D-79761 Waldshut-Tiengen.	Date of issue: 08.01.2010
	Telephone int+49-(0)7741-6099-0	
Product number:	gute0024	

## 8. Exposure controls/Personal protection

### 8.1 Exposure limit values

CAS number	Identification	Limit values	Remarks
n.ap.	wood dust	<b>Only for Germany:</b> 2 mg/m <sup>3</sup> inhalable fraction technical reference concentration*  C3	TRGS 900 (october 2000); TRGS 553  TRGS 905

**Remark:** \* The technical reference concentration has not been taken as an indicative occupational exposure limit value of wood dust on the revised version of the German TRGS 900. In case of formation of dust during processing and treatment, Article 9 paragraph 8 of the German Ordinance on Hazardous Substances must be observed. This value is not in accordance with the regulations and should only be considered as a tool for undertaking a risk assessment in accordance with Article 7 of the German Ordinance on Hazardous Substances.

### 8.2 Exposure controls

See also heading 7.1.

#### Additional advice on system design

Any process which could generate dust must be provided with proper controls to ensure minimisation of dust nuisance (e.g. separation, enclosure, local exhaust ventilation, wetting, dust collectors).

The German Operational Safety Regulation (Betriebssicherheitsverordnung) in accordance with EC-Directive 1999/92/EC has to be observed (if wood dust has been formed in such quantities that there is a risk of dust explosion).

#### 8.2.1 Occupational exposure controls

##### Personal protective equipment

##### Respiratory protection

Particle filter P2 or P3 (in dust-laden atmosphere).

##### Hand protection

Work gloves for protection against mechanical damage.

##### Eye protection

Tightly sealed safety glasses (in case of dust liberation).

##### Body protection

n.ap.

##### General protective measures and hygiene measures

Do not inhale dust.

#### 8.2.2 Environmental exposure controls

See heading 6.

## 9. Physical and chemical properties

### 9.1 General information

**Physical state:** solid      **Colour:** natural-coloured      **Odour:** odourless

### 9.2 Important health, safety and environmental information

Bulk density (kg/m<sup>3</sup>): 260  
 Weight (kg/m<sup>2</sup>): 1.65  
 Vapour diffusion factor: 5  
 Thermal conductivity (W/mK): 0.050  
 Specific thermal resistance, R (m<sup>2</sup>K/W): n.av.  
 Bending strength (N/mm<sup>2</sup>): ≥ 1.5

### 9.3 Other information

None.

## 10. Stability and reactivity

### 10.1 Conditions to avoid

No particular conditions known.

### 10.2 Materials to avoid

No particular materials known

### 10.3 Hazardous decomposition products

Risk of formation of toxic pyrolysis products.

### 10.4 Additional information

None.

Trade name:	GUTEX® Multiplex-top 28/35/22 mm	
Company/Undertaking:	GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG	
	Gutenberg 5, D-79761 Waldshut-Tiengen.	Date of issue: 08.01.2010
	Telephone int+49-(0)7741-6099-0	
Product number:	gute0024	

**11. Toxicological information****11.1 Toxicokinetics, metabolism and distribution**

No data are available for the product.

**11.2 Acute effects (acute toxicity, irritation and corrosivity)**

LD50 rat, oral	(mg/kg)	n.av.
LD50 rat, dermal	(mg/kg)	n.av.
LC50 rat, inhalation	(mg/l/4h)	n.av.
Irritant effect on skin		n.av.
Irritant effect on eyes		n.av.

**11.3 Sensitisation**

No data are available for the product.

**11.4 Repeated dose (sub-acute, sub-chronic, chronic)**

No data are available for the product.

**11.5 CMR effects (carcinogenicity, mutagenicity, toxicity for the reproduction)**

Carcinogenicity	According to the German TRGS 905 wood dust is classified as carcinogenic category 3 (C3: limited evidence of a carcinogenic effect).
-----------------	--

Mutagenicity	n.av.
--------------	-------

Toxicity for the reproduction	n.av.
-------------------------------	-------

**11.6 Comprehensive evaluation of the CMR properties of substances subject to registration**

No data available.

**11.7 Experiences made in practice**

None.

**11.8 General remarks**

The product has not been tested.

**12. Ecological information****12.1 Ecotoxicity****Aquatic toxicity**

LC50	(fish)	n.av.
EC50	(daphnia)	n.av.
IC50	(algae)	n.av.

<b>Behaviour in sewage works:</b>	Not to apply.
-----------------------------------	---------------

**12.2 Mobility**

The product has not been tested.

**12.3 Persistence and degradability**

The product has not been tested.

**12.4 Bioaccumulative potential**

The product has not been tested.

**12.5 Results of PBT assessment**

No data available.

**12.6 Other adverse effects**

Ozone depletion potential	n.av.
Photochemical ozone creation potential	n.av.
Global warming potential	n.av.
AOX-hint	Not to apply.

**12.7 Further information**

Chemical oxygen demand (COD)	n.av.
------------------------------	-------

Biochemical oxygen demand (BOD)	n.av.
---------------------------------	-------

**Contains according to the formulation following compounds of directives 2006/11/EC and 80/68/EEC:**

None.

Trade name:	GUTEX® Multiplex-top 28/35/22 mm	
Company/Undertaking:	GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG	
	Gutenberg 5, D-79761 Waldshut-Tiengen.	Date of issue: 08.01.2010
	Telephone int+49-(0)7741-6099-0	
Product number:	gute0024	

**13. Disposal considerations**

- 13.1 Product / unused product**
- Recommendation: Waste disposal corresponding to European Waste Catalogue  
Wastes must be classified with respect to their origin and depending on different process steps. The waste codes mentioned as follows are only constituted as our recommendations. Referring to the individual case they should be completed or revised.
- Waste type: Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
- Waste notation: Wastes from wood processing and the production of panels and furniture
- EC waste code: 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
- Waste type: Construction and demolition wastes
- Waste notation: Wood, glass and plastic
- EC waste code: 17 02 01 wood
- Disposal operations: D 10 incineration on land
- Recovery operations: R 1 use principally as a fuel or other means to generate energy
- 13.2 Contaminated packaging**
- Recommendation: 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 off as product waste.
- Recommended cleansing agent: Remove adhering residues mechanically.
- 13.3 Classification in accordance with the German Waste Wood Ordinance (for Germany only)**
- Scrap wood category: A II

**14. Transport information**

- 14.1 Land transport ADR / RID**  
No dangerous good in accordance with the regulations.
- 14.2 Marine transport / IMDG-Code**  
No dangerous good in accordance with the regulations.
- 14.3 Air transport ICAO / IATA-DGR**  
No dangerous good in accordance with the regulation.

**15. Regulatory information**

- 15.1 Chemical Safety Assessment**  
No Chemical Safety Assessment has been carried out for a substance in the product.
- 15.2 Labelling in accordance with Directive EC**
- |  |       |
|--|-------|
| Symbol(s) of danger:                             | n.ap. |
| Indication(s) of danger:                         | n.ap. |
| Hazardous component(s) to be indicated on label: | n.ap. |
| R phrases:                                       | n.ap. |
| S phrases:                                       | n.ap. |
| Special labelling for certain mixtures:          | n.ap. |
| <b>Remarks:</b>                                  | n.ap. |
- 15.3 Further Community legislation**
- Regulation (EC) No 1907/2006: Annex V, paragraph 8 (wood)  
(exemptions from the obligation to register)
- In case of formation of wood dust in such quantities that there is a risk of dust explosion:  
Directive 94/9/EC and Directive 1999/92/EC have to be observed.

Trade name:	GUTEX® Multiplex-top 28/35/22 mm	
Company/Undertaking:	GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG Gutenberg 5, D-79761 Waldshut-Tiengen. Telephone int+49-(0)7741-6099-0	Date of issue: 08.01.2010
Product number:	gute0024	

**15.4 National measures (for Germany only)**

Indications on restriction of occupation:	n.ap.
Major-accident Regulation:	n.ap.
Fire and explosion hazards:	Annex III No 1 and article 12 of the German Ordinance on Hazardous Substances; Operational Safety Regulation (Betriebssicherheitsverordnung) in accordance with Directive 1999/92/EC has to be observed (if wood dust has been formed in such quantities that there is a risk of dust explosion).
Regulation on clean air (TA Luft):	n.ap.
Water hazard class:	non-hazardous to waters according to VwVwS
German Ordinance on Hazardous Substances (in accordance with EC-Directive 98/24/EC):	Article 7 must be observed Articles 9, 14, 15, Annex III No 2 (in case of liberation of dust during processing and treatment)
Regulation on Occupational Medical Prevention (ArbMedVV):	Annex, Part 1 (1): Preventive medical check-ups have to be arranged in case of working with inhalable dust (in case of liberation of dust during processing and treatment)

**16. Other information**

**16.1 Keeping (restrictions)** n.ap.  
**Distribution** for industry consumer, for the general public

**16.2 Full text of the R phrases referred to under heading 3 of the Safety Data Sheet**

Not to apply.

**16.3 Technical contact point**

GUTEX® Holzfaserplattenwerk H. Henselmann GmbH + Co KG, Gutenberg 5, D-79761 Waldshut-Tiengen  
Herr Albrecht  
Telephone: int+49-(0)7741-6099-52  
Fax: int+49-(0)7741-6099-57

**16.4 The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.**

Compiled by:

**Dr. Michael Urban****Fachberatung Gefahrstoff Gefahrgut**

Vogelbeerweg 3

D-26180 Rastede-Ipwege / Germany

Tel.: int+49-(0)4402-695620

Fax: int+49-(0)4402-695621