

 <b>GarnTec</b>	<b>Material Safety Data Sheet for water blocking nonwoven GarnTec GTSB</b>	<b>Version: 05</b> <b>Date: 03.02.2020</b> <b>Page: 1 von 4</b>
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<b>0. Introduction</b>
Material Safety Data Sheet according to regulation attachment II (EU) No. 453/2010 To the commission dt. 20. May 2010 modification to regulation (EG) No. 1907/2006 (modified by regulation (EU) Nr. 2015/830)

<b>1. Identification of the product and the company</b>		
1.1 Product Identification		
Product name:	Water blocking nonwoven GarnTec GTSB	
Description:	semi-conductive water blocking nonwoven	
1.2 Company Identification		
- Company / Plant where information on the product safety is available:		
Name:	GarnTec GmbH	
Address:	Staatsstrasse 5, D-67468 Neidenfels	
Phone & Fax numbers:	+49 (0) 6325 9556-0	+49 (0) 6325 9556-10
- Department responsible for the product safety:		
Department:	Technical Department	
Phone & Fax numbers:	+49 (0) 6325 9556-25	+49 (0) 6325 9556-10
E-mail:	Betz@garntec.de	

<b>2. Hazards Identification</b>
2.1 No hazardous product under normal conditions.
2.2 Additional hazards for humans and environment: under normal handling you will not have hazards for humans and environment.

<b>3. Composition</b>	
Identification of the type of product	
3.1 Description:	<u>Swelling substance:</u> synthetic, modified polyacrylate <u>Carrier:</u> Polyester nonwoven, chemical or thermal bind, carbon black
3.2 Other major components:	None



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3.3 Dangerous ingredients:

None

**4. First-aid measures**

no special measures

**5. Fire-fighting measures**

5.1 Suitable extinguishing media

Water, Foam, Powder, CO2

5.2 Special protective

No special measures

**6. Measures of accidental release**

6.1 Personal precautions

No measures

6.2 Environmental protection

No measures

6.3 Methods for cleaning / recording

No measures

6.4 Other components

No measures

6.5 Additional information

Keep away from ignition source, do not smoke,  
avoid from flames

**7. Handling and storage**

7.1 Information on safe Handling:

No special measures on correct handling

7.2 Information on fire/explosion –  
protection

No special measures

7.3 Requirements for storage rooms/  
containers

The storage must be dry

7.4 Information on storage conditions

No special measures

7.5 Requirements for storage rooms

Sensitive to frost and wetness, the temperature  
may not be lower than 15°C and higher than  
35°C and the relative humidity should be lower  
than 55 %

7.6 Storage class

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**8. Personal protection****Personal protection equipment:**

8.1 Several safety and hygiene instructions	Not required
8.2 Respiratory protection	Not required
8.3 Hand protections	Not required
8.4 Gloves material	Not required
8.5 Penetrating time of the gloves material	Not required
8.6 Eye protection	Not required
8.4 Body protection	Not required

**9. Physical and chemical properties:**

9.1 Form	solid
9.2 Appearance /the colour of the product as supplied	black
9.3 Odour (short description if perceptible):	odourless
<b>9.4 State change:</b> Melting	250 – 260 °C
9.5 Flashpoint	Not required
9.6 Self flammability	Not self flammable
9.7 Explosion hazard	Not explosive
9.8 Density at 20°C	Not required
9.9 Solubility in/Mixture with water	Not required
9.10 pH at 20°C	Not required

**10. Stability and Reactivity**

10.1 Thermal decomposition	No decomposition if properly used
10.2 Dangerous reactions	Unknown
10.3 Dangerous decomposition products	Above 300 °C may be released: toxic and flammable gases.

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<b>11. Toxicological information</b>	
The product is not toxic	

<b>12. Ecological information</b>	
<b>12.1 Statements to the Elimination:</b>  Other notes: chemical oxygen:	Not biodegradable  Not identified

<b>13. Notes for waste disposal</b>	
<b>13.1 Product:</b>  Recommendation	The nonwoven could be depolluted with regular waste. Under attention of the local official regulations the nonwoven could be burned together with the garbage.

<b>14. Transport information</b>	
The material must be transported in dry and odourless trucks or containers	

<b>15. Legislative information</b>	
15.1 Labelling according EWG-directives	Unknown
15.2 National rules:	Unknown
15.3 Water thread class:	Unknown

<b>16. Other information</b>	
The details are based of our actual skills. The details do not assure the property and do not represent contractual law regulation.	