

SAFETY DATA SHEET

(EC1907/2006) | September 2017 – Version 2.0



SECTION 1: Identification of substance and manufacturer

1.1. Product identifier:					
Substance name:	Textile				
EC No.:	None				
REACH registration no.:	None				
CAS no.:	None				
1.2. Relevant identified uses:	Is used as fuel in industrial plants or as noise suppressor in other products.				
1.3. Supplier details:					
Manufacturer:	Genan A/S Jegindøvej 16 DK-8800 Viborg Denmark	Genan GmbH Gottlieb-Daimler Straße 34 D-46282 Dorsten Germany	Betriebsstätte Oranienburg: Birkenallee 80 D-16515 Oranienburg Germany	Betriebsstätte Kammlach: Im Gewerbepark Unterallgäu 1 D-87754 Kammlach Germany	Genan Inc. 18038 Beaumont Hwy. Houston TX77049 USA
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Fax:	-	+49 2362 9527 150	+49 3301 578 150	+49 8261 7369 150	+1 713 6748501
E-mail address:	genan@genan.eu				genan@genan.us
1.4. Emergency contact:					
Emergency number:	+1 713 6748500 or +45 8728 3000 (only available during local office hours)				

SECTION 2: Hazard identification

2.1. Classification of substance:	
2.1.1. Classification according to Regulations (EC) no. 1272/2008 [CLP]:	None
2.1.2. Classification according to Directive 67/548/EEC:	None
2.1.3. Further information:	Potentially explosive in certain dust/air mixtures. The material is flammable.

SECTION 3: Composition/information on ingredients

3.1. Substances:	Textile fraction manufactured from end-of-life tyres, containing 20-40% rubber residue. The textile may consist of varying amounts of cotton, nylon, rayon, kevlar and the like. Vulcanised rubber residue (20-40%), polymeric: NR, SBR, BR, IIR/XIIR.
3.2. Mixtures:	N/A

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SECTION 4: First aid measures

4.1. Description of first aid measures	
- general notes	If in doubt, seek medical advice.
- in case of inhalation	Provide fresh air. In case of persistent symptoms, seek medical advice.
- in case of skin contact	Wash with soap and rinse with water. In case of skin reaction, seek medical attention. In case of burn injury from burning material – always seek medical attention.
- in case of eye contact	Rinse thoroughly with water. In case of persistent symptoms, seek medical advice.
- in case of ingestion	Rinse mouth thoroughly. Drink water or milk. In case of discomfort, seek medical advice.
- self-protection of the first aider	See sections 5.3 and 8.2.
4.2. Most important symptoms and effects, bot acute and delayed	None known
4.3. Indication of any immediate medical attention and special treatment needed	None known

SECTION 5: Fire fighting measures

5.1. Extinguishing media:	Foam, extinguishing powder, CO ₂ , sand.
5.2. Special hazards arising from substance:	Smoke and dangerous vapours cannot be excluded.
5.3. Advice for fire fighters:	Remove product from hazard area as soon as possible. Wear protective face mask / respiratory protection in case of heavy smoke formation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:	Wear respiratory protection, protective glasses with side protection and use protective gloves when handling the material. See sections 5.3 + 8.2 as well.
6.2. Environmental protection:	None
6.3. Methods and materials for containment and clean-up:	
6.3.1. For containment:	Big bags or containers.
6.3.2. For clean-up:	Manual aggregation (collect spillage (broom/shovel) and reuse/dispose).
6.3.3. Other information:	By use of vacuum cleaner, use a dust-ignition proof model (ATEX approved).

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SECTION 7: Handling and storage

7.1. Precaution for safe handling:	
Measures to prevent fire:	Take measures against electrostatic discharge. Keep far away from sources of ignition.
Advice on general occupational hygiene:	Avoid dust formation. Provide for adequate exhaust ventilation and dust collection at machinery.
7.2. Conditions for safe storage, including any incompatibilities:	
Technical measures and storage conditions:	Keep under cover and dry, protected from moisture and sun light (UV). Confined spaces must be well ventilated. Keep packaging closed. Do not store with food or fodder.
Packaging materials:	Keep packaging closed and away from water/moisture.
7.3. Special applications::	None

SECTION 8: Exposure controls / personal protection

8.1. Control parameters:	
8.2. Exposure control:	
8.2.1. Appropriate engineering controls:	N/A
8.2.2. Personal protection equipment:	See section 5.3 as well.
8.2.2.1. Eye and face protection:	Wear protective glasses with side protection.
8.2.2.2. Skin protection:	Use protective gloves as well as ordinary workwear.
8.2.2.3. Respiratory protection:	Wear protective face mask / respiratory protection in case of generation of dust.
8.2.2.4. Thermal hazards:	Do not inhale vapours from hot product.
8.2.3. Environmental exposure controls:	None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:	
Appearance:	Voluminous textile fibres (lint). Colour varies in shades of brown and grey – contains small, black rubber particles.
Odour:	Vague rubber smell
Odour threshold:	Unknown
pH value:	N/A
Melting point:	N/A

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SECTION 9: Physical and chemical properties – continued

Initial boiling point and boiling range:	N/A
Flash point:	N/A
Evaporation rate:	N/A
Flammability (solid matter, gas):	With a source of ignition. Depends on particle size (lowest temperature according to IBExU report: 270 °C with 15 mm sieve)
Upper/lower flammability or explosion limits:	> 400 °C auto-ignition (according to IBExU report) Depends on particle sizes and mixing ratio with air.
Vapour pressure:	N/A
Vapour density:	N/A
Bulk density:	N/A
Solubility:	Not water-soluble
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	> 400 °C
Decomposition temperature:	N/A
Viscosity:	N/A
Explosive properties:	Depends on fraction sizes and mixing ratio with air and compression ratio.
Oxidising properties:	N/A
9.2. Other information	N/A

SECTION 10: Stability and reactivity

10.1. Reactivity:	None
10.2. Chemical stability:	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions:	No known hazardous reactions.
10.4. Conditions to avoid:	Fire, as CO, CO ₂ , SO ₂ , SO ₃ , different nitrogen compounds, minor amounts of HCL and/or HBr may then be released.
10.5. Incompatible materials:	None known
10.6. Hazardous decomposition products:	None known

SECTION 11: Toxicological information

No known conditions to be mentioned based on current experience.

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SECTION 12: Ecological information

Materials are non-water-soluble and do not cause any environmental damage to animals nor micro-organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:	Follow the requirements of authorities and local regulations, if any.
13.1.1. Product / packaging disposal:	Follow the requirements of authorities and local regulations, if any.
13.1.2. Waste treatment relevant information:	Follow the requirements of authorities and local regulations, if any.
13.1.3. Sewage disposal -relevant information:	Sewage disposal shall be discouraged.

SECTION 14: Transport information

14.1. UN number:	N/A
14.2. UN proper shipping name:	N/A
14.3. Transport hazard class:	N/A
14.4. Packing group:	N/A
14.5. Environmental hazards:	N/A
14.6. Special precaution for user:	N/A
14.7. Transportation in bulk:	N/A
14.8. Transportation in general:	Not classified as dangerous goods.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/ legislation specific for the substance or mixture:	N/A
15.2. Chemical safety assessment:	N/A

SECTION 16: Other information

Genan has prepared this safety data sheet on the basis of our current knowledge and experience – making use of available information and tests made by IBExU (Institut für Sicherheitstechnik GmbH, Freiberg). The information given only serves as a guidance for safety handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Genan is not liable for missing or incorrect information, nor any consequential damage suffered due to the use of this document.