



SAFETY INSTRUCTIONS

GCC
HARZart

This product does not require a safety data sheet in accordance with Article 31 of REACH.
This document is a voluntary product information of the manufacturer based on a safety data sheet in accordance with Regulation (EC) No 1907/2006.

SECTION 1: Identification of the substance/mixture and of the company

1.1. Product identifier:

Product designation: German Compact Composite®
GCC HARZart
Brands: megawood®, EasyDeck®, torroTIMBER®

Material/substance type: Polymer-bonded wood-based material

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Use: Production of extruded profiles and injection moulded parts

Uses advised against: No relevant information available

1.3. Details of the supplier of the safety data sheet:

Manufacturer: NOVO-TECH GmbH & Co. KG
Siemensstraße 31 • 06449 Aschersleben • Germany
Phone: +49 (0) 3473 / 22503 - 0
Fax: +49 (0) 3473 / 22503 - 15
Email: info@novo-tech.de
www.novo-tech.de

NOVO-TECH Circular GmbH & Co. KG
Heinrich-Lapp-Straße 18 • 06449 Aschersleben • Germany
Phone: +49 (0) 3473 / 22503 - 0
Fax: +49 (0) 3473 / 22503 - 15
Email: info@novo-tech.de
www.novo-tech.de

Information area: Quality assurance / laboratory
Phone: +49 (0) 3473 / 22503 - 0
Fax: +49 (0) 3473 / 22503 - 15
Email: info@novo-tech.de

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture:

The product is not classified in accordance with Regulation (EC) No 1272/2008 (CLP Regulation).



SAFETY INSTRUCTIONS



2.2. Label elements:

Label in accordance with (EC) No. 1272/2008: not applicable

Hazard icons: not applicable

Signal word: not applicable

Hazard warnings: not applicable

Safety instructions: not applicable

2.3. Other hazards:

No risks to health and the environment if the product is handled properly.

Results of PBT and vPvB assessment: not applicable

SECTION 3: Composition/information on ingredients

The product is a mixture and comprises following main ingredients:

Designation	CAS number	EC Number	REACH registration number	%	Classification in accordance with Regulation (EC) No: 1272/ 2008 (CLP)		
					Coding Signal words	Hazard class	Coding Hazard notices
Natural fibre	9004-34-6	232-674-9	-	50-70	-	-	-
	9034-32-6	618-530-1					
	9005-53-2	232-682-2					
HDPE	9002-88-4	215-540-4	-	10-20	-	-	-
Synthetic resin/minerals	Various	various	-	5-30	-	-	-

SECTION 4: First aid measures

4.1. Description of first aid measures:

General information: no special measures required.

Upon inhalation: supply fresh air, consult a doctor in case of complaints.

Upon skin contact: no special measures required.

Upon eye contact: rinse opened eye with running water.

Upon ingestion: indigestible; preferably induce vomiting

Safety instructions_ GCC HARZart

Created on: 07/11/2022
 Revised on: 20/03/2024
 Revision: 1



SAFETY INSTRUCTIONS

GCC
HARZart

4.2. Most important symptoms and effects, both acute and delayed:

There are no known acute and delayed symptoms and effects.

4.3. Indication of any immediate medical attention and special treatment needed:

No specific emergency measures or special treatments required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water spray jet, foam, CO₂, extinguishing powder

Unsuitable extinguishing media: full water jet (could be used to spread fire)

5.2. Special hazards arising from the substance or mixture

Incomplete combustion releases carbon monoxide and possibly other hazardous substances, e.g., soot.

5.3. Advice for firefighters

Observe general safety regulations for firefighting.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

No special measures required.

6.2. Environmental precautions:

Do not allow chips that must be produced during processing (e.g., drilling, sawing, and planing chips) to enter the sewage system/surface water/groundwater (observe recommended disposal).

6.3. Methods and material for containment and cleaning up:

Picking up mechanically, e.g., sweeping or vacuuming, while avoiding dust formation.

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

SECTION 7: Handling and storage

7.1. Precautions to be taken in handling and storing

Notes on fire and explosion protection: no open fires



SAFETY INSTRUCTIONS



Handling: To avoid electrostatic discharge, production and conveyor systems should be made of electrically conductive material and should be earthed. Avoid dust formation.

At thermal processing: Extract vapours and/or ensure sufficient air exchange.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep away ignition sources - No smoking
Protect from light and UV exposure
Also applies to outer packaging made of film, this is not suitable for permanent outdoor storage.

Storage temperatures: 5 °C - 35 °C

Humidity 20 - 60% r.h.

Storage instructions: Do not store together with self-igniting substances

7.3. Specific end uses

Observe the technical data sheet

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Avoid the formation of dust, ensuring adequate ventilation or sufficient respiratory protection if the occupational exposure limit value in accordance with TRGS is exceeded.

8.2. Exposure controls:

Occupational exposure limit for (wood) dust in accordance with TRGS.

8.2.1. Appropriate engineering controls:

Avoid the formation of dust, use closed systems if possible, workplace measurements ensure adequate ventilation or sufficient respiratory protection if the occupational exposure limit value in accordance with TRGS is exceeded.

8.2.2. Individual protection measures, such as personal protective equipment:

General protective and hygiene measures: Wash hands before breaks and at the end of work, do not eat, drink, smoke, or take snuff at work, ensure sufficient ventilation during processing.

Respiratory protection: recommended for mechanical processing with dust formation

Hand protection: recommended for thermal processing

Eye/face protection: recommended for mechanical processing

Body protection: protective work clothing

Safety instructions_ GCC HARZart

Created on: 07/11/2022
Revised on: 20/03/2024
Revision: 1



SAFETY INSTRUCTIONS

GCC
HARZart

8.2.3. Environmental exposure controls:

Avoid dust formation during handling, mass concentration of dust emissions of 10 mg/ m³ must not be exceeded.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical state:	solid
Appearance:	wood-polymer look
Colours:	brown, black, coloured
Odour:	woody
Melting temperature:	130 - 140 °C
Boiling temperature (1013 hPa):	not applicable
Flash point:	not applicable
Ignition temperature:	approx. 420 °C (DIN 51 795)
Flammability:	yes
pH value:	4.5 - 6.5 (100 g/l, H ₂ O and 20 °C)
Vapour pressure (20 °C):	not applicable
Density (20 °C):	1.30 - 1.40 g/ cm ³
Solubility in water (20 °C) :	insoluble

9.2. Other information

Explosive properties:	The product is not explosive. Dusts can form explosive mixtures with air.
Solvent content:	Contains no solvents, VOC/SVOC see sustainability data sheet
Solids content:	> 99%

SECTION 10: Stability and reactivity

10.1. Reactivity

No relevant reactivities known.

10.2. Chemical stability

Stable if recommended storage and handling instructions are followed.

Start of thermal decomposition at approx. 180 °C.

Safety instructions_ GCC HARZart

Created on: 07/11/2022
Revised on: 20/03/2024
Revision: 1



SAFETY INSTRUCTIONS

GCC
HARZart

No decomposition if used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Do not heat in uncontrolled manners.

10.5. Materials to avoid:

No relevant incompatible materials known.

10.6. Hazardous decomposition products:

Incomplete combustion releases carbon monoxide and possibly other hazardous substances, e.g., soot.

SECTION 11: Toxicological properties

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The product is not classified in accordance with Regulation (EC) No 1272/2008 (CLP Regulation); see sustainability datasheet for GCC HARZart on this as well.

11.2. Information on other hazards:

No risks to health and the environment if the product is handled properly.

SECTION 12: Ecological information

12.1. Toxicity:

Not relevant, see also sustainability data sheet for GCC HARZart.

12.2. Persistence and degradability:

The product is not biodegradable.

12.3. Bioaccumulation potential:

No indication of bioaccumulation potential.

12.4. Mobility in soil:

No indication of mobility in soil.

12.5. Results of PBT and vPvB assessment:

The product does not contain any ingredients that meet the PBT/vPvB criteria in accordance with REACH.

12.6. Endocrine disrupting properties:

The product does not contain any ingredients with endocrine disrupting properties.

Safety instructions_ GCC HARZart

Created on: 07/11/2022
Revised on: 20/03/2024
Revision: 1



SAFETY INSTRUCTIONS



12.7. Other adverse effects:

No harmful effects if the product is handled properly.

SECTION 13: Disposal consideration

13.1. Waste treatment methods:

13.1.1. Information on the disposal of the product:

“Today’s product is tomorrow’s raw material.”

GCC HARZart is a valuable raw material that we use to manufacture new products. Please return laying waste, cuttings, and products at the end of their service lives to one of our take-back dealers for recycling at our processing plant (www.megawood.com/haendler) or register your object at www.megawood.com/c2c. This avoids waste, CO2 emissions, and preserves natural resources!

Small quantities of processing residues (drilling, sawing, and planing chips) may be disposed of in the household waste. Do not allow to enter drains/surface water/groundwater.

Recommendation:

European Waste List

03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
----------	---

13.1.2. Information on disposal of the packaging:

Dispose of cleaned packaging in the local recycling system.

13.1.3. Physical/chemical properties may influence the possible waste treatment processes:

The product is designed for the technical cycle and is used to manufacture new products. Contamination with harmful substances, e.g. through treatment with wood preservatives containing harmful substances, must be avoided under all circumstances for high-quality recycling.

13.1.4. Disposal in sewage:

Do not dispose of the product in sewage.

13.1.5. Special precautions for recommended waste treatment:

See section 7 for information on safe handling.

No further special precautions necessary.



SAFETY INSTRUCTIONS

GCC
HARZart

SECTION 14: Transport information

14.1. UN number or ID number:

Not relevant, the product is not a dangerous good in accordance with the transportation regulations.

14.2. UN proper shipping name:

Not relevant, the product is not a dangerous good in accordance with the transportation regulations.

14.3. Transport hazard classes:

Not relevant, the product is not a dangerous good in accordance with the transportation regulations.

14.4. Packing group:

Not relevant

14.5. Environmental hazards:

None, respectively no

14.6. Special precautions for user:

None

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:

Not relevant

SECTION 15: Regulation information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Technical Rules for Hazardous Substances (TRGS) applicable to wood-based materials and the regulations of the German Social Accident Insurance (DGUV) must be observed during processing.

Water hazard class: nwg - not hazardous to water
Self-classification in accordance with Annex 1 AwSV

15.2. Chemical safety assessment

The product is exempt from REACH registration. A chemical safety assessment is not required.



SAFETY INSTRUCTIONS

GCC
HARZart

SECTION 16: Other information

Further information

These safety instructions apply to: all products in the GCC HARZart formulation

Date of the previous version: 07/11/2022

Revised on: 20/03/2024

Revision: 1

The information is based on our current state of knowledge, but does not constitute a guarantee
The information provided does not constitute a guarantee of product characteristics and does not establish a contractual legal relationship.

Abbreviations and acronyms:

VOC: Volatile Organic Compounds (USA, EU)
SVOC: Semi Volatile Organic Compounds
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative