

Material Safety Data Sheet **NatureForm Z12**

1. The identification of the mixture and company

Trade name: NatureForm Z12
 Purpose: Thermoplastic molding mass
 Manufacturer: Nature Compound GmbH
 Hermann-von-Wanthoff-Straße 4
 58239 Schwerte
 E-Mail-Address: info@nature-compound.com

2. Possible Hazards

Classification: The product is not classified as hazardous according to Regulation (EC) No 1272/2008 and its amendments.
 Labeling: Not a hazardous substance or mixture.
 Other hazards: The product burns, but is not classified as flammable.

3. Composition and information on ingredients

Material	CAS-Number	Quantity
Cellulose	9004-34-6	>10%
Calciumcarbonate	471-34-1	>5%
Kaolin	1332-58-7	>5%

4. First aid measures

After inhalation: Remove person to fresh air, consult doctor if feeling unwell.
 After skin contact: If molten material comes in contact with the skin, cool with plenty of water. DO NOT remove solidified product, as removal could result in severe tissue damage. Obtain medical attention.
 After eye contact: Rinse opened eye immediately under running water for 15 minutes. Consult a doctor if eye irritation persists.
 After swallowing: Immediately rinse your mouth and drink plenty of water, seek medical attention if you feel unwell.

5. Fire fighting measures

Suitable extinguishing agents: Water, extinguishing powder, foam or carbon dioxide.
 Unsuitable extinguishing agents: No unsuitable extinguishing media known.
 Special hazards on contact: The predominant poison in smoke is carbon monoxide.

6. Measures in the event of accidental release

Immediately pick up the product mechanically. There is a risk of slipping.

7. Handling and storage

Store in a cool and dry place.

8. Exposure controls and personal protective equipment

Wear insulating protective gloves when handling molten product. Wear personal protective equipment. No MAK values are defined for the material. The general MAK values for non-hazardous dusts apply.

9. Physical and chemical properties

Aggregate state: solid
Appearance: opaque pellets with wooden color
Specific density: 0,99 g/cm³
Melting temperature: 150°C – 180°C
Decomposition temperature: 250°C

10. Stability and reactivity

Under the specified storage and use conditions, the product is stable and non-reactive.

11. Toxicological information

No toxicological data available.

12. Environmental information

Ecotoxicity: EC50/72h/Algae á 1100 mg/l

13. Instructions for disposal

Disposal according to local regulation.

14. Transport information

No special safety precautions required. No dangerous goods class.

15. Legislation

According to directive 1999/45/EC, the product does not need to be classified or labelled.
Labelling: not applicable.

16. Other

Issued in accordance with article 32 of regulation (EC) no 1907/2006 and its additions.

The information given in this safety data sheet relates only to the specific product designated. It does not apply when the product is used together with other materials. The user is required to know and comply with the legal regulations applicable to the handling and use of this product.

The information contained herein is intended only to assist the user in fulfilling his obligations with respect to the handling, use, storage, transport and disposal of the designated product and should not be construed as a warranty or quality specification.

All information and guidance given in this safety data sheet is based on the state of our knowledge at the above issue date.