

Pro Forma Safety Data Sheet for

CEBICO products from Saugbrugs

1. Identification of the substance and of the company

- 1.1 Product identifier: CEBICO
- 1.2 Use of the substance: Injection moulding and plastics converting
- 1.3 Supplier: Norske Skog Saugbrugs
Tistedalsgata 9-11, 1772 Halden, Norway
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2. Hazards Identification

- 2.1 Classification: Not classified as hazardous according to Regulation (EC) No1272/2008 and its amendments
- Health effects: No adverse effects.
- Environmental effects: No adverse effects.
- 2.2 Label elements: No label elements apply.
- 2.3 Other hazards: The product burns, but is not classified as flammable. Dust may be an explosion hazard if mixed with air at critical proportions and in the presence of an ignition source.

3. Composition/information on ingredients

| Ingredient* | CAS No | EINECS No | Percent Symbols | R phrases |
|----------------------------|------------|-----------|-----------------|-----------|
| Cellulose fibres from wood | 65996-61-4 | 265-995-8 | 0-50 | |
| Polypropylene | 9003-07-0 | | 0-80 | |
| Polyethylene | 9002-88-4 | | 0-80 | |

*) Contains no substance classified as hazardous in concentrations, which should be taken into account according to EU regulations

4. First aid measures

No medical attention is required.

- Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products.
- 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.
- Eye contact: –
- Ingestion: –
- Most important symptoms and effects, both acute and delayed: Inhalation of dust may irritate the respiratory tract. Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.

5. Fire-fighting measures

- 5.1 Extinguishing media: Water in spread jet, dry chemical, foam, carbon dioxide.
- 5.2 Unusual Fire/Explosion hazard: Dust may be an explosion hazard if mixed with air at critical proportions and in the presence of an ignition source.
- 5.3 Specific hazards during firefighting: Principal toxicant in the smoke is carbon monoxide.

6. Accidental release measures

Vacuum or sweep up spill. All spill of material must be removed immediately to prevent slipping accidents. Prevent product from entering environment and drains.

7. Handling and storage

- 7.1 Handling: Wear eye protector when any unit and bale wires are removed.
- 7.2 Storage: Store in a dry place under roof. Avoid direct sunshine.
- 7.3 Advice on safe handling: During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released. Avoid inhalation of dust and decomposition fumes. Provide adequate ventilation. Local exhaust ventilation or additional personal protective equipment (PPE) may be necessary.
- 7.4 Advice on protection against fire and explosion: Dust from the product represents a risk for dust explosions when dispersed with air in a sufficient concentration and with the presence of an ignition source. All equipment shall be grounded. Routine housekeeping will also contribute in preventing risks of dust explosions.
- 7.5 Storage: Safety aspects do not require any special precautions in terms of storage.

8. Exposure controls/ personal protection

- 8.1 Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Appropriate personal protective equipment (PPE) shall be worn in accordance with Regulation (EU) 2016/425.
- 8.2 Provide adequate ventilation. Local exhaust ventilation may be necessary.
- 8.3 At dusty handling use respiratory protective equipment.

9. Physical and chemical properties

| | |
|----------------------|--|
| Appearance: | Pellets, natural colour. |
| Odour: | Odourless. |
| Melting point: | 120-170°C |
| Self-inflammability: | Ca. 200°C (wood fibre) to 320°C (thermoplastics) |
| Solubility: | Insoluble in water. |

10. Stability and reactivity

- 10.1 Reactivity: Stable.
- 10.2 Chemical stability: Stable.
At thermal decomposition carbon dioxide and water is emitted.

11. Toxicological information

Non-toxic material. The product is not classified as hazardous to human health.

12. Ecological information

- 12.1 Toxicity: No adverse effects.
- 12.2 Persistence and degradability: The product is not considered hazardous for the environment. Not readily biodegradable. Does not accumulate in organisms. Avoid release to the environment.

13. Disposal considerations

Reuse or recycle if not contaminated. The product may be safely used as fuel. Proper combustion does not require any special flue gas control. Check with local regulations.

14. Transport information

The product is not regulated by ADR/RID, IMDG or IATA

15. Regulatory information

None known to apply.

16. Other information

Cellulose pulp and thermoplastics PP and PE, and thus a compound of both constituents, is according to Regulation (EC) No 1907/2006 (REACH) of the European Parliament and of the Council Annex IV among the exemptions from the obligation to register. Safety data sheet according to article 31 and chemical safety report according to article 14 in this regulation is therefore not required. This data sheet has been made according to Appendix II in the regulation.