

Safety Information

Lucocell® PE3700

1. Identification of substance

Trade name:

Lucocell®PE3700

Application

Additive for asphalt production

Manufacturer/Supplier:

LUCOBIT AG

Brühler Str. 60 • Basell Polyolefine GmbH • B100

D-50389 Wesseling

Tel.: +49 (0) 22 36/3 78 59 0

Emergency information: Basell Fire Brigade Wesseling
Tel.: +49 (0) 22 36/72-25 55

2. Hazards identification

This product is regarded as formulation and is, according to EEC directives 1999/45, 67/548, as well to regulation 1272/2008/EC (CPLⁱ) and following amendments, not classified as hazardous.

This product abides to REACHⁱⁱ requirements and does not contain any of the Annex 14 candidate chemicals proposed to be SVHCⁱⁱⁱ above the 0,1% threshold as stated in REACH, (1907/2006/ EC, art. 57).

For this product a Safety Data Sheet acc. REACH Regulation 1907/2006 Article 31 is not required.

3. Chemical characterization

Description: Ethylene/n-butyl acrylate copolymer
CAS^{iv}-No. 025750-84-9
cellulose fibre

Dangerous components: None

4. First aid measures

At room temperature, the product is neither an irritant nor gives off hazardous vapors.

The measures listed below apply to critical situations (Fire, in-correct process conditions).

After inhalation: In case of inhalation of fumes, move the person to fresh air.
Call for medical help.

After skin contact: After contact with the molten product, cool rapidly with cold water.
Do not pull solidified product away from skin. Seek immediate medical attention.

After eye contact Rinse eye for at least 15 minutes with water.

5. Firefighting measures

Suitable extinguishing agents:

Water vapor, Foam, Chemical powder

Unsuitable extinguishing agents:

Water jet

In case of fire it can release:

Water, carbon dioxide, carbon monoxide (CO)

Protective equipment:

Use a mask with universal filter. Use self-contained breathing apparatus within confined spaces.

6. Accidental release measures

Particular danger of slipping on leaked/spilled product. Never use compressed air for cleaning purpose.

7. Handling and storage

When bringing the material to processing temperatures, gases might develop forming:

- Alkenes of higher molecular weight.
- Traces of formaldehyde and acrylic aldehyde

Provide appropriate ventilation for such processing conditions. Take precautionary measures against explosion risks since the product may develop dust of cellulose during transportation or grinding of granules.

Requirements to be met during storage:

- Take precautionary measures to prevent the formation of static electricity.
- Do not smoke.
- Ground equipment.
- No open flames.

Protect from heat and direct sunlight. Store container in a well-ventilated place. Store under dry conditions.

8. Exposure controls and personal protection

No components with maximum exposure limits that require monitoring at the workplace. Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during processing operations.

However, common dust limits have to be met:

inhalable dust	10mg/m ³	E-dust	TRGS ^v 900
respirable dust	3 mg/m ³	A-dust	TRGS 900

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9. Physical and chemical properties

Form:	Pellets
Color:	grey
Odor:	none
Melting range:	60 - 120°C
Density (23°C):	approx. 1 g/cm ³
Solubility in Water:	Insoluble

10. Stability and reactivity

The product is stable when handled and stored under normal conditions. Decomposes above 360°C.

11. Toxicological information

The product is not toxic. When used and handled according to specifications, the product does not exhibit any harmful effects according to our experience and the information provided to us.

12. Ecological information

The product is not biodegradable; small particles can have physical effects on water and soil organisms.

13. Disposal considerations

Reuse or recycle if possible. Dispose material through controlled incineration or via an authorized waste disposal site. Disposal must be conducted according to official local regulations.

14. Transport information

According to national and international guidelines, which regulate road-, rail-, air- and sea transport, this product is classified as not dangerous.

15. Regulatory information

Designation according to EC guidelines: not classified.

16. Other information

The information above is believed to be accurate and represents the best information currently available to LUCOBIT AG. However, we give no warranty of merchantability or any other warranty - expressed or implied - with respect to such information and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

ⁱ CLP Classification, Labelling, Packaging
ⁱⁱ REACh Registration, Evaluation, Authorization and Registration of Chemicals
ⁱⁱⁱ SVHC Substances of very high concern
^{iv} CAS Chemical Abstracts Services
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