

Safety Information

Lucobit® 1233

1. Identification of substance

Trade name:

Lucobit®1233

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 a preparation and is, according to EEC directives 1999/45, 67/548, as well to regulation 1272/2008/EC (CPL) and following amendments, not classified as hazardous.

This product confirms to REACH requirements and does not contain any of the Annex 14 candidate chemicals proposed to be SVHC above 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 CASⁱ-No. 025750-84-9

Polyolefin PE- and PP-based
Bitumen CAS-No. 092062-05-0

Dangerous components: None

Additional information: Can contain additives

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.

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
- Traces of acids (formic acid, acetic acid)

Provide appropriate ventilation for such processing conditions. Take precautionary measures against explosion risks since all types of polymers may develop dust 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. Stack twice at maximum.

However, common dust limits have to be met:

| | | | |
|-----------------|---------------------|--------|------------------------|
| inhalable dust | 10mg/m ³ | E-dust | TRGS ⁱⁱ 900 |
| respirable dust | 3 mg/m ³ | A-dust | TRGS 900 |

Safety Information

Lucobit® 1233

9. Physical and chemical properties

| | |
|----------------------|-----------------------------|
| Form: | Pellets |
| Color: | black |
| Odor: | slightly oily |
| Melting range: | 90 - 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 CAS – Chemical Abstracts Services

ⁱⁱ TRGS - Technical Rules for Dangerous Substances