

Safety Information

Lucofin® 1411 M

1. Identification of substance

Trade name:

Lucofin®1411 M

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 (CPL^I) and following amendments, not classified as hazardous.

This product abides to REACH^{II} requirements and does not contain any of the Annex 14 candidate chemicals proposed to be SVHC^{III} 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
CAS^{IV}-No. 025750-84-9

Polyolefin: PE- and PP-based

Flme retardant: Mg(OH)₂

Dangerous components: None

Additional information: Contains 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 as 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. Stack twice at maximum.

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, the common limit values of dust have to be met

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

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9. Physical and chemical properties

Form:	Pellets
Color:	white
Odor:	nearly odorless
Melting range:	90 - 120°C
Density (23°C):	approx. 1,15 g/cm ³
Solubility in Water:	Insoluble

10. Stability and reactivity

The product is stable when handled and stored under normal conditions. Decomposes above 260°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 the 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 make no warranty of merchantability or any other warranty, express 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 Restriction of Chemicals

ⁱⁱⁱ SVHC – Substances with very high concern

^{iv} CAS – Chemical Abstracts Services