

Safety Data Sheet

according to REACH Regulation (EC) No 1907/2006 and updated
Regulation (EC) No 2020/848

ENFLEX V_-3XX-XXX-XX-XXX

Revision date: 27.02.2023

Product code: 3975

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

ENFLEX V_-3XX-XXX-XX-XXX

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Automotive, construction, electric & electronic, industrial applications

Uses advised against

Medical and food contact applications

1.3. Details of the supplier of the safety data sheet

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

2.3. Other hazards

Preparation/mixture without hazards for human health or environment

Prolonged and repeated inhalation of decomposition products may cause a pulmonary oedema.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

TPV Dynamically Vulcanized PP/EPDM

Hazardous components

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!

Provide adequate ventilation.

After inhalation

Provide adequate ventilation.

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

Consult physician.

After contact with skin

The melted product can cause severe burns.

Do not use force or solvents to remove product incrustations from affected skin areas.

After contact with molten product, cool skin area rapidly with cold water.

Consult physician.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Consult physician.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water and Foam. Carbon dioxide (CO₂). Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide Carbon monoxide hydrocarbons. alcohol resistant foam. Sand.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

High slip hazard because of leaking or spilled product. (Granulate)

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Other information

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Equipment with built-in suction provisions.

Advice on general occupational hygiene

Provide adequate ventilation. Equipment with built-in suction provisions.
When using do not eat, drink or smoke. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool place.
Provide adequate ventilation.

Hints on joint storage

storage stability:
storage temperature: < 40 °C unlimited durability.
No special precautionary measures are necessary.

Further information on storage conditions

Shelf-life / year(s): 2 years

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

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Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves.

Skin protection

Only wear fitting, comfortable and clean protective clothing.
In case of increasing hazard add: heat-resistant synthetic fibres

Respiratory protection

Respiratory protection necessary at: In the case of the formation of dust (half-mask with filter (DIN EN 149).)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid (Granulate)
Colour:	various
Odour:	odourless

Melting point/freezing point:

155-164 °C ISO 3146

Flash point:

not applicable

Viscosity / kinematic:

not applicable

Water solubility:

insoluble

Solubility in other solvents

Partially soluble in cyclohexane, fully soluble in boiling xylene

Partition coefficient n-octanol/water:

not applicable

Vapour pressure:

not applicable

Density (at 23 °C):

0,9-1,0 g/cm³ ISO 1183

Relative vapour density:

not applicable

Test method

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not applicable

Oxidizing properties

not applicable

Other safety characteristics

Evaporation rate:

not applicable

Softening point:

50-115 °C ISO 306

Viscosity / dynamic:

not applicable

Further Information

Decomposition temperature > 300 at °C:

Self ignition temperature >370 at °C:

SECTION 10: Stability and reactivity

10.1. Reactivity

No known reactivity hazards.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

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10.4. Conditions to avoid

Molten resin temperature above 300 at °C:

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Carbon dioxide Carbon monoxide hydrocarbons.

Further information

No risks worthy of mention.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

not applicable

Irritation and corrosivity

not applicable

Sensitising effects

not applicable

Carcinogenic/mutagenic/toxic effects for reproduction

not applicable

STOT-repeated exposure

not applicable

Specific effects in experiment on an animal

not applicable

11.2. Information on other hazards

Further information

non-irritant. When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

SECTION 12: Ecological information

12.1. Toxicity

Insoluble in: Water.

Ecotoxicological effects: none

12.2. Persistence and degradability

Not expected to be biodegradable.

12.3. Bioaccumulative potential

Not expected to bioaccumulate.

12.4. Mobility in soil

Floats on water. Remains on surface of soil.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Refer to manufacturer or supplier for information on recovery or recycling.

Material recycling possible.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

none

Inland waterways transport (ADN)

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

none

Marine transport (IMDG)

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

none

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name:

Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es):

none

Other applicable information (air transport)

ICAO/IATA-DGR: none

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

nwg (KBwS-Einstufung), KBwS-Nr.: 766

National regulatory information

SECTION 16: Other information

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Disclaimer:

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user

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from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1272/2008 based on information as is available per July 2017 (date of entry into force). That information that is not yet filled in depends on the input we receive from our suppliers following the time scale as foreseen by EC 1272/2008 and depends solely on the registration of the concerned substances. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)