

MATERIAL SAFETY DATA SHEET

Page:
Date:

1 of 8
09.08.2019

1. Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Thermoforming Foil Track C

CAS – No.: -
EC –No.: -
INDEX No.: -
REACH No.: -

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

Relevant identified uses: Plastic articles
Uses advised against: Other

1.3 Details of the supplier of the safety data sheet

Manufacturer

FORESTADENT
Bernhard Förster GmbH
Westliche Karl Friedrich Str.

Telephone: 07231 459 0
Fax: 07231 459 102

D – 75172 Pforzheim

Supplier

FORESTADENT
Bernhard Förster GmbH
Westliche Karl Friedrich Str. 151

Telephone: 07231 459 0
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Information contact

FORESTADENT Bernhard Förster GmbH

Information Telephone: 07231 459 136
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National contact

FORESTADENT Bernhard Förster GmbH

Information Telephone: 07231 459 0
Information fax: 07231 459 102
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Website: www.forestadent.de

1.4 Emergency telephone number

FORESTADENT Bernhard Förster GmbH
Only available during office hours.

Telephone: 07231 459 0

1.5 Dept. responsible for information

Telephone: 07231 459 0

2. Hazard identification**2.1 Classification of the substance or mixture**

Regulation (EC) No 1272/2008: - No dangerous material! (!)

2.2 Label elements

Classification according to Regulation (EC) Nr. 1272/2008 [CLP]

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautionary statements: -

Hazardous component(s) for labelling:
none

Special labelling of particular preparations:
none

2.3 Other hazards

On basis of test data. This substance is classified as not hazardous according to 67/548/EEC

3. Composition/information on ingredients**3.1 Substances**

Polymere

3.2 Mixtures

PE

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX-no.:	REACH -no.:	Concentration:	Classification: EC 1272/2008(CLP):
Polyethylen PE	-	9002-88-4	-		95 – 100%	

(The wording of the listed risk phrases is given in Chapter 16)

4. First aid measures**4.1 Description of first aid measures**

General information: No special measures are necessary.

Following inhalation: Do not breathe dust. Dust should be exhausted directly at the point of origin. Inhalation of dust may cause irritation of the respiration system.

Following skin contact: No special measures are necessary. After contact with the molten product, cool affected skin area rapidly with cold water. Immerse in cold water for a prolonged period. Burns caused by molten material must be treated clinically. Irritation to skin. Slightly irritant.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist. Irritating to eyes. Dust protection goggles.

After ingestion: No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

5. Fire fighting measures**5.1 Extinguishing media**

Suitable extinguishing media: Extinguishing powder. Carbon dioxide. Alcohol resistant foam. Water spray.

Unsuitable extinguishing media: High power water jet.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide. Sulphur dioxide (SO₂). Formaldehyde.

5.3 Advice for fire fighters**General information**

Use water spray jet to protect personnel and to cool endangered containers.

Special protective equipment for fire fighters:

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2 Environment precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4 References to other sections

Treat the recovered material as prescribed in the section on waste disposal.

7. Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid generation of dust. Dust must be exhausted directly at the point of origin.

Precautions against fire and explosion

Keep away from sources of ignition – No smoking. Keep away from heat.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and dry.

Hints on joint storage

Conditions to avoid: UV-radiation/sunlight.

Storage class: 11

7.3 Specific end use(s)

Observe instruction for use.

8. Exposure controls / personal protection

8.1 Control parameters

Occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m ³]	Limitation of exposure peaks:	Remark:

Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:	Source:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m ³]	Limitation of exposure peaks:	Remark:

DNEL- and PNEC values

DNEL-values

Substance:	CAS-No.:	DNEL/DMEL

PNEC-values

Substance:	CAS-No.:	PNEC

Remark:

none

8.2 Exposure controls

Occupational exposure controls

none

General protection and hygiene measures

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Take off immediately all contaminated clothing.

Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Dust protection goggles.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. Technical ventilation of workplace.

Hand protection

See chapter 7. No additional measures necessary.

Eye/face protection

Dust protection goggles

Body protection

Body protection: not required.

Environment exposure controls

Refer to chapter 7. No further action is necessary

Consumer exposure controls

Refer to chapter 7. No further action is necessary

Exposure scenario

none

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance:**

Physical state:	solid
Colour:	various
Odour:	characteristic
Odour threshold:	no data available

Safety relevant basic data

	Parameter	Value	Unit	Remark
pH:				not applicable
Melting point/freezing point:	Vicat	94	°C	
Initial boiling point and boiling range:				not determined
Flash point:				not determined
Evaporation rate:				not applicable
Flammability (solid, gas):				not determined
Explosive properties:				not explosive
Lower flammability or explosive limits:				not applicable
Upper flammability or explosive limits:				not applicable
Vapour pressure:				not applicable
Vapour density:				not applicable
Relative density:				not determined
Density:		0,92	g/cm ³	
Solubility(ies):				not determined
Water solubility:				Practically insoluble
Flat solubility:				not determined
Partition coefficient n-octanol/water:				not determined
Auto-ignition temperature:				not determined
Decomposition temperature:				not determined
Viscosity:				not applicable
Oxidising properties:				not determined
Solvent content:				not applicable

9.2 Other information

Observe technical data sheet.

10. Stability and reactivity**10.1 Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Reacts with: Solvents/Thinner Etchant and acids.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

UV-radiation / sunlight.

10.5 Incompatible materials

Acid. Base. Oxidizing agents.

10.6 Hazardous decomposition products

Hydrocarbons. Carbon dioxide (CO2) Carbon monoxide. Aldehydes.

11. Toxicological information

11.1 Information on toxicological effects

Medical device product

Cytototest: no abnormality detected

M-factor: -

Acute toxicity (dermal): -

Acute toxicity (oral): -

Acute toxicity (inhalative): -

Acute toxicity

Substance:	CAS-No.:	Toxicological information
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Skin corrosion/irritation

In the case of the formation of dust.

Serious eye damage/irritation

Irritating to eyes. In the case of the formation of dust.

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No indications of human carcinogenicity exist.

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

Toxicological data are not available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

Inhalation of dust may cause irritation of the respiratory system.

12. Ecologic information

12.1 Toxicity

none

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
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12.2 Persistence and degradability

No information available.

12.3 Bio accumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT – and vPvB – assessment

Not applicable.

12.6 Other adverse effects

No information available.

13. Disposal considerations**13.1 Waste treatment methods****Appropriate disposal/ Product**

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

Appropriate disposal/ packaging

Dispose of waste according to applicable legislation.

List of proposed waste codes/waste designations in accordance with EWC

Consult the appropriate local waste disposal expert about waste disposal.

Waste key product: -

Waste key packaging: -

14. Transport information**14.1 UN-number**

UN No.: -

14.2 proper shipping name

ADR / RID

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IMDG / ICAO-TI / IATA-DGR

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14.3 Transport hazard class(es)

Hazard label(s): --

Classification Code: --

14.4 Packing group

Packing Group: --

14.5 Environmental hazards

Labelling environmentally hazardous substances

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: yes / no

Marine Pollutant: yes / no

14.6 Special precautions for user

Land transport (ADR/RID)

Transport category: --

Special provisions: --

Tunnel restriction code: --

Limited quantity (LQ) --

Sea transport (IMDG)

EmS-No: --

Special provisions: --

Limited quantity (LQ): --

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remark: No dangerous good in sense of these transport regulations.

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

EU-Regulation

Regulation (EC) No. 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register:

No information available.

Regulation (EC) No. 1005/2009 on substance that deplete the ozone layer:

No information available.

Regulation (EC) No. 648/2004 on detergents:

No information available.

Regulation (EC) No. 850/2004 on persistent organic pollutants:

No information available.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals:

No information available.

Restrictions according to Title VIII of Regulation (EC) No 1907/2006:

No information available.

National regulations

Observe in addition any national regulations!

Restrictions of occupation

none

Other regulations, restrictions and prohibition regulations

none

15.2 Chemical safety assessment

A chemical safety assessment has been carried out for this substance:

For this substance a chemical safety assessment has not been carried out.

16. Other information

Relevant H-and EUH-phrases (Number and full text)

Hazard statements

Training instructions

none

Recommended restrictions of use

none

Further information

The above information describes exclusively the safety requirement of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes

none

Key literature references and sources for data

none

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