

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

1.1. Product identifier

Track A

CAS No.: --
EC No.: --
UFI --
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

Bernhard Förster GmbH
Westliche Karl- Friedrich-Str. 151
--
D 75172 Pforzheim

Telephone +49 7231 459 0
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Supplier

Bernhard Förster GmbH
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Information contact

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E-mail (competent person) info@forestadent.com
Website www.forestadent.com

1.4. Emergency telephone number

Bernhard Förster GmbH
Only available during office hours.

Telephone +49 7231 459 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008:
Identification is not obligatory. Please observe the information on the safety data sheet at all times.

2.2. Label elements

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms

Signal word: -

Hazard statements:

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Precautionary statements:

-

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.

SECTION 3: Composition / information on ingredients

3.1. Substances

Polymere

3.2. Mixtures

PET-G

Composition/information on ingredients

Substance:	CAS-No.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):	M, ATE, Note
Polyethylenterephthalat PET-G	25640-14-6			-	

(Full text of H- and EUH-statements: see section 16.)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: No special measures are necessary

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

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

SECTION 5: Firefighting 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 firefighters

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures are necessary

6.2. Environmental 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. Reference to other sections

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

SECTION 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 instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

occupational exposure limit value

Substance: :	CAS-No.:		Source: 1	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m ³]	Limitation of exposure peaks:	Remark:
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Substance with a common (EC) occupational exposure limit value.

Substance: :	CAS-No.:		Source: 1	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m ³]	Limitation of exposure peaks:	Remark:
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DNEL-/PNEC-values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL
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PNEC Value

Substance:	CAS-No.:	PNEC
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Additional information

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

Environmental 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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state:	solid
Colour:	colourless
Odour:	characteristically
Odour threshold:	No data available

Safety relevant basis data

Parameter	Value	unit	Remark
Melting point/freezing point:	Vicat	80 °C	
Initial boiling point and boiling range:			not determined
Flammability:			not determined
lower flammability or explosive limits:			not applicable
Upper flammability or explosive limits:			not applicable
Flash point:		>250 °C	
Ignition temperature:		400 °C	
Decomposition temperature:		> 280 °C	
pH:			not applicable
Kinematic viscosity:			not applicable
Water solubility (g/L):			practically insoluble
Partition coefficient: n-octanol/water:			not determined
Vapour pressure:			not applicable
Density:		1,27 g/cm ³	
Relative density:			not determined
Particle properties:			not determined

9.2. Other information

Observe technical data sheet.

SECTION 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 agent

10.6. Hazardous decomposition products

Hydrocarbons. Carbon dioxide (CO₂) Carbon monoxide. aldehydes

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Medical device product

Cytotoxicity test: 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.

11.2. Information about other hazards

Aspiration hazard

Inhalation of dust may cause irritation of the respiratory system.

SECTION 12: Ecological information

12.1. Toxicity

none

Ecotoxicity

Substance:	CAS-No.:	Toxicological information
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12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

not applicable

12.6 Endocrine disruptive effect

No information available.

12.7. Other adverse effects

No information available.

SECTION 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 / Package

Dispose of waste according to applicable legislation.

List of proposed waste codes / waste designations according to EWC / AVV

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

14.1. UN number

UN No.: -

14.2. UN proper shipping name

Land transport (ADR/RID)

-

Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

-

14.3. Transport hazard class(es)

Hazard label(s) / Label: -

Classification code: / Classification
Code: -

14.4. Packing group

Packing group/ Packing Group: -

14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR:
Marine pollutant:

Yes

No

14.6. Special precautions for user

Land transport (ADR/RID)
transport category: -

tunnel restriction code: -

Special provisions: - Limited quantity (LQ): -

Sea transport (IMDG)

EmS-No: -

Special provisions: - Limited quantity (LQ): -

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remark No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation

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 1005/2009 on substance that deplete the ozone layer: 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!

Other regulations, restrictions and prohibition regulations

none

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

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

Hazard statements

Training advice

none

Recommended restrictions of use:

none

Further remarks:

The above information describes exclusively the safety requirements 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 in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Statements based on information received by supplier 200378.

Documentation of changes:

none

Key literature references and sources for data

none

Abbreviations and acronyms

AC: Article Category
ACGIH: American Conference of Government Industrial Hygienists
ADN: Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures
ADR: Accord européen relatif transport des marchandises dangereuses par route
AOX: Adsorbable Organic halogen compounds
Bw: Body weight
CMR: Carcinogenic, Mutagenic, toxic for Reproduction
CSR: Chemical Safety Report
DIN: Deutsches Institut für Normung / Deutsche Industrienorm
DNEL: Derived No Effect Level
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
DU: Downstream User
EC50: Effective Concentration 50%
EN: Europäische Norm
EWC/EWL: European Waste Catalogue
IATA: International Air Transport Association
IBC: Intermediate Bulk Container
ICAO: International Civil Aviation Organization
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
ISO: International Standards Organisation
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
LEV: Local exhaust ventilation
OEL: Occupational Exposure Limit
PBT: persistent, bioaccumulative, toxic
PNEC: Predicted No Effect Concentration
PPE/PSA: Personal Protective Equipment
REACH: Registration, Evaluation and Authorization of Chemicals
RID: Règlement International concernant le transport de marchandises dangereuses par chemin de fer
STEL: Short-term Exposure Limit
SVHC: Substance of Very High Concern
TLV: Threshold Limit Value
VOC: Volatile Organic Compounds
vPvB: very persistent, very bioaccumulative