

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

### 1.1. Product identifier

# Usig-Foil

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

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3  
--  
D 72285 Pfalzgrafeweiler

Telephone +49 7445 8501 0  
Telefax: +49 7445 8501-15

#### Supplier

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3  
--  
D 72285 Pfalzgrafeweiler

Telephone +49 7445 8501 0  
Telefax: +49 7445 8501-15

#### Information contact

ERKODENT Erich Kopp GmbH

Information telephone +49 7445 8501 21  
Information telefax +49 7445 8501-15  
E-mail (competent person) w.heuchert@erkodent.com  
Website www.erkodent.com

### 1.4. Emergency telephone number

ERKODENT Erich Kopp GmbH  
Only available during office hours.

Telephone +49 7445 8501 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:**

-

**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 (CO<sub>2</sub>). Carbon monoxide. Sulphur dioxide (SO<sub>2</sub>). 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.

### 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:	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	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/m³]	Limitation of exposure peaks:	Remark:

### DNEL-/PNEC-values

#### DNEL value

Substance:	CAS-No.:	DNEL/DMEL

#### PNEC Value

Substance:	CAS-No.:	PNEC

### 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:** cream  
**Odour:** characteristic  
**Odour threshold:** No data available

#### Safety relevant basis data

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

### 10.6. Hazardous decomposition products

Hydrocarbons. Carbon dioxide (CO<sub>2</sub>) Carbon monoxide. aldehydes

---

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes within the meaning of Regulation (EC)

## No. 1272/2008

Medizinprodukt/medical device product  
Cytotoxtest: ohne Befund/no abnormality detected

**M-factor:** - **Acute toxicity (dermal):** -  
**Acute toxicity (oral):** - **Acute toxicity (inhalative):** -

### Acute toxicity

Substance:	CAS-No.:	Toxicological information
------------	----------	---------------------------

#### 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.

#### Additional information

### 11.2. Information about other hazards

#### 11.2.1 Endocrine disrupting properties

#### 11.2.2 Other Information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

none

### Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity
------------	----------	-------------

### 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

There are no data available on the mixture itself.

#### 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

Dispose of waste according to applicable legislation.

---

### 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:      Yes       No

Marine pollutant:



#### 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. 1005/2009 on substances that lead to the depletion of the ozone layer**  
No information available.

**Regulation (EC) No 850/2004 [POP-Regulation]**

**Regulation (EU) No 649/2012 on the export and import of dangerous chemicals**  
No information available.

**The substance/product is registered with strictly controlled conditions as defined in Article 18(4) of Regulation (EC) No. 1907/2006 (REACH Regulation) and must therefore be handled as such.**  
No information available.

**National regulations**

Observe in addition any national regulations!

**Restrictions of occupation**

no restriction

Restrictions of occupation

**Not subject to StörfallVO.**

**Solvents Regulation (31st BImSchV)**

No information available.

**Other regulations, restrictions and prohibition regulations**

no restriction

#### 15.2. Chemical Safety Assessment

**For this preparation a chemical safety assessment has been carried out.** --

For this substance 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 storag

**Documentation of changes:**

none

**Key literature references and sources for data**

none

**Abbreviations and acronyms**

none

---