

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Universal-UZF**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  
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D 72285 PfalzgrafenweilerTelephone +49 7445 8501 0  
Telefax: +49 7445 8501-15**Supplier**ERKODENT Erich Kopp GmbH  
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Only available during office hours.

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**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

PE

**Composition/information on ingredients**

| Substance:               | CAS-No.:  | REACH-no.: | Concentration: | Classification: EC 1272/2008 (CLP): | M, ATE, Note |
|--------------------------|-----------|------------|----------------|-------------------------------------|--------------|
| Polyethylene Siliconised | 9002-88-4 |            | 100 %          | -                                   |              |

(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.

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## 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.

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## 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.

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## 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: white  
 Odour: characteristic  
 Odour threshold: No data available

#### Safety relevant basis data

|                                          | parameter | Value | unit  | Remark         |
|------------------------------------------|-----------|-------|-------|----------------|
| Melting point/freezing point:            | Vicat     | 94    | °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:                             |           |       | °C    | not determined |
| Ignition temperature:                    |           |       | °C    | not determined |
| Decomposition temperature:               |           |       | °C    | not determined |
| pH:                                      |           |       |       | not applicable |
| Kinematic viscosity:                     |           |       |       | not applicable |
| Water solubility (g/L):                  |           |       |       |                |
| Partition coefficient: n-octanol/water:  |           |       |       | not determined |
| Vapour pressure:                         |           |       |       | not applicable |
| Density:                                 |           | 0,92  | g/cm³ |                |
| Relative density:                        |           |       |       | not determined |
| Particle properties:                     |           |       |       | not determined |

## 9.2. Other information

none

## 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 agents.

### 10.6. Hazardous decomposition products

Hydrocarbons. Carbon dioxide (CO2) Carbon monoxide. aldehydes

## SECTION 11: Toxicological information

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

## No. 1272/2008

No information available.

|                               |   |                                     |   |
|-------------------------------|---|-------------------------------------|---|
| <b>M-factor:</b>              | - | <b>Acute toxicity (dermal):</b>     | - |
| <b>Acute toxicity (oral):</b> | - | <b>Acute toxicity (inhalative):</b> | - |

### 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:  
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. 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

none

Restrictions of occupation

**Not subject to StörfallVO.**

##### Solvents Regulation (31st BImSchV)

No information available.

##### Other regulations, restrictions and prohibition regulations

none

#### 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