

## 1. PRODUCT AND COMPANY IDENTIFICATION

Eckart signplastics GmbH  
Technologiepark 10-12  
91522 Ansbach  
Germany

Telephone Numbers	Phone Number	Available Hours
Eckart Customer Service	49 981 487550	7:00am-4:00pm CET

Product Name: SEKLEMA  
Product Synonym(s): Engraving Table Mat  
Chemical Family: Seklema Rubber Sheeting  
Chemical Formula: Mixture  
Chemical Name: Mixture  
EPA Reg. Number:  
Product Use: Table Mat

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:  
Not a hazardous substance or mixture.

### 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008:  
No labeling according to GHS required.

### 2.3 Other hazards

No data available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

not applicable

### 3.2 Mixtures

#### 3.2.1 Hazardous ingredients

This material does not contain any reportable hazardous ingredients.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

#### After contact with the eyes

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation

#### After contact with the skin

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

#### **After inhalation**

Provide fresh air.

#### **After swallowing**

Give several small portions of water to drink. Do not induce vomiting.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Any relevant information can be found in other parts of this section.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Further toxicology information in section 11 must be observed.

## **5. FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand

#### **Extinguishing media which must not be used for safety reasons**

water jet

### **5.2 Special hazards arising from the substance or mixture**

Risk of hazardous gasses or fumes in the event of fire. Exposure to combustion products may be a health hazard!

Hazardous combustion products:

carbon oxides, incompletely burnt hydrocarbons, toxic and very toxic fumes

### **5.3 Advice for firefighters**

#### **Special protective equipment for fire fighting**

Use respiratory protection independent of recirculated air. Keep unprotected persons away.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Secure the area. Wear personal protection equipment (see section 8).

Keep unprotected persons away. If material is released indicate risk of slipping.

Do not walk through spilled material.

### **6.2 Environmental precautions**

Prevent material from entering surface waters, drains or sewers and soil.

Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth).

Retain contaminated water/extinguishing water. Dispose of in prescribed marked

Containers. Inform authorities if substance leaks into surface waters, sewerage or ground.

### **6.3 Methods and material for containment and cleaning up**

Take up mechanically and dispose of according to local/state/federal regulations.

Do not flush away with water. For small amounts:

Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations.

For large amounts:

Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

Seklema fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

### **6.4 Reference to other sections**

Relevant information in other sections has to be considered.

This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping. Observe information in section 8.

### Precautions against fire and explosion:

Observe the general rules for fire prevention.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Conditions for storage rooms and vessels:

Observe local/state/federal regulations.

#### Advice for storage of incompatible materials:

Observe local/state/federal regulations.

#### Further information for storage:

Store in a dry and cool place.

### 7.3 Specific end use(s)

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Maximum airborne concentrations at the workplace:

CAS No.	Material	Type	Mg/m <sup>3</sup>	ppm	Dust fract.	Fibre/m <sup>3</sup>
	Aerosol – respirable fraction		10,0			

The aerosol limit specified is a recommendation should aerosol be formed during processing.

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

##### General protection and hygiene measures:

Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

##### Personal protection equipment:

###### Respiratory protection

No personal respiratory protective equipment normally required.

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory

Equipment: Filtering half-face mask, according to acknowledged standards such as EN 149.

Recommended Filter type: FFP1 or equivalent filter, according to acknowledged standards such as EN 149

Observe the equipment manufacturer's information and wear time limits for respirators.

###### Eye protection

Recommendation: protective goggles

###### Hand protection

Use of protective gloves is recommended when handling the material.

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,1 mm

Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of butyl rubber

thickness of the material: > 0,3 mm

Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

#### **8.2.2 Exposure to the environment limited and controlled**

Prevent material from entering surface waters, drains or sewers and soil.

## **9. STABILITY AND REACTIVITY**

#### **9.1–9.3 Reactivity; Chemical stability; Possibility of hazardous reactions**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

#### **9.4 Conditions to avoid**

none known

#### **9.5 Incompatible materials**

none known

#### **9.6 Hazardous decomposition products**

If stored and handled properly: none known. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation

## **10. TOXICOLOGICAL INFORMATION**

#### **10.1. Germ cell mutagenicity**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **10.1.2 Carcinogenicity**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **10.1.3 Reproductive toxicity**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **10.1.4 Specific target organ toxicity (single exposure)**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **10.1.5 Specific target organ toxicity (repeated exposure)**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **10.1.6 Aspiration hazard**

##### **Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

## 11. PHYSICAL AND CHEMICAL PROPERTIES

11.1		
Information on basic physical and chemical properties		
Property:	Value:	Method:
<b>Appearance</b>		
Color:	colorless	
<b>Odour</b>		
Odour:	odourless	
<b>pH-Value</b>		
pH-Value:	not applicable	
<b>Melting point/freezing point</b>		
Melting point / melting range:	not applicable	
<b>Initial boiling point and boiling range</b>		
Boiling point / boiling range:	not applicable	
<b>Flash point</b>		
Flash point::	200 °C	(DIN 51376)
<b>Upper/lower flammability or explosive limits</b>		
Lower explosion limit (LEL):	not applicable	
Upper explosion limit (UEL):	not applicable	
<b>Vapour pressure</b>		
Vapour pressure:	not applicable	
<b>Solubility(ies)</b>		
Water solubility / miscibility:	virtually insoluble at 20 °C	
<b>Vapour density</b>		
Relative gas/vapour density:	No data known.	
<b>Relative Density</b>		
Relative Density:	1,00 (20 °C) (Water/ 4°C = 1,00)	(DIN 51757) (DIN 51757)
Density:	1,00 g/cm <sup>3</sup> (20 °C)	
<b>Partition coefficient: n-octanol/water</b>		
Partition coefficient: n-octanol/water:	No data known.	
<b>Auto-ignition temperature</b>		
Ignition temperature:	> 450 °C	(DIN 51794)
<b>Decomposition temperature</b>		
Thermal decomposition:	> 200 °C	
<b>Viscosity</b>		
Viscosity (dynamic):	approx. 1000 mPa.s at 23 °C	

### 11.2 Other information

No data available.

## 12. TOXICOLOGICAL INFORMATION

### 12.1. Germ cell mutagenicity

#### Assessment:

For this endpoint, no toxicological test data is available for the whole product.

### 12.1.2 Carcinogenicity

#### Assessment:

For this endpoint, no toxicological test data is available for the whole product.

### 12.1.3 Reproductive toxicity

#### Assessment:

For this endpoint, no toxicological test data is available for the whole product.

### 12.1.4 Specific target organ toxicity (single exposure)

#### Assessment:

For this endpoint, no toxicological test data is available for the whole product.

#### **12.1.5 Specific target organ toxicity (repeated exposure)**

**Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

#### **12.1.6 Aspiration hazard**

**Assessment:**

For this endpoint, no toxicological test data is available for the whole product.

### **13. ECOLOGICAL INFORMATION**

#### **13.1 Toxicity**

**Assessment:**

Evaluation in analogy to similar product. No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

#### **13.2 Persistence and degradability**

**Assessment:**

Seklema: biologically not degradable. Elimination by adsorption to activated sludge.

#### **13.3 Bio accumulative potential**

**Assessment:**

Bioaccumulation is not expected to occur.

#### **13.4 Mobility in soil**

**Assessment:**

Polymer component: insoluble in water. Adsorbs on soil.

#### **13.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

#### **13.6 Other adverse effects**

none known

### **14. DISPOSAL CONSIDERATIONS**

#### **14.1 Waste treatment methods**

##### **14.1.1 Material**

Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

##### **14.1.2 Uncleaned packaging**

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Uncleaned packaging should be treated with the same precautions as the material.

##### **14.1.3 Waste Disposal Legislation Ref. No. (EC)**

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

## 15. TRANSPORT INFORMATION

### 15.1–15.4

**UN number; UN proper shipping name; Transport hazard class(es); Packing group**

**Road ADR:**

Valuation: Not regulated for transport

**Railway RID:**

Valuation: Not regulated for transport

**Transport by sea IMDG-Code:**

Valuation: Not regulated for transport

**Air transport ICAO-TI/IATA-DGR:**

Valuation: Not regulated for transport

### 15.5 Environmental hazards

Hazardous to the environment: no

### 15.6 Special precautions for user

Relevant information in other sections has to be considered.

### 15.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk transport in tankers is not intended.