

1. PRODUCT AND COMPANY IDENTIFICATION

Eckart signplastics GmbH
Technologiepark 10-12
91522 Ansbach
Germany

Telephone Numbers
Eckart Customer Service

Phone Number
49 981 487550

Available Hours
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 ³	ppm	Dust fract.	Fibre/m ³
	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:
Appearance		
Color:	colorless	
Odour		
Odour:	odourless	
pH-Value		
pH-Value:	not applicable	
Melting point/freezing point		
Melting point / melting range:	not applicable	
Initial boiling point and boiling range		
Boiling point / boiling range:	not applicable	
Flash point		
Flash point::	200 °C	(DIN 51376)
Upper/lower flammability or explosive limits		
Lower explosion limit (LEL):	not applicable	
Upper explosion limit (UEL):	not applicable	
Vapour pressure		
Vapour pressure:	not applicable	
Solubility(ies)		
Water solubility / miscibility:	virtually insoluble at 20 °C	
Vapour density		
Relative gas/vapour density:	No data known.	
Relative Density		
Relative Density:	1,00 (20 °C) (Water/ 4°C = 1,00)	(DIN 51757)
Density:	1,00 g/cm ³ (20 °C)	(DIN 51757)
Partition coefficient: n-octanol/water		
Partition coefficient: n-octanol/water:	No data known.	
Auto-ignition temperature		
Ignition temperature:	> 450 °C	(DIN 51794)
Decomposition temperature		
Thermal decomposition:	> 200 °C	
Viscosity		
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 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.