

## Material Safety Data Sheet

SDS date: 09-12-2016

SDS version: 1.1

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

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#### 1.1. Product Identifier

**Trade Name:** Shrink plastic sheets

Product- no.: 79090, 79089, 79098, 79086, 79095, 79087, 79092, 79088, 79099, 790840, 79084.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Plastic sheets for drawing of subjects that subsequently shrinks in the oven at 170°C for 3-5 minutes. Do not heat above 300°C.

#### 1.3. Details of the supplier of the safety data sheet

##### Company and address

Creotime.com

Rasmus Færchs Vej 23

7500 Holstebro

Tlf.: +45 96 13 30 10

##### Kontaktperson og mail:

Tina Andresen, info@creotime.com

##### The Safety data sheet is completed and validated by:

mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: LMJ

#### 1.4. Emergency telephone number

Use your national or local emergency number - See section 4 "First aid measures".

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### SECTION 2: Hazards identification

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#### 2.1. Classification of the substance or mixture

The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures.

#### 2.2. Label elements

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##### Signal word:

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#### 2.3. Other hazards

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##### Additional labelling:

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##### Additional warnings:

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## SECTION 3: Composition/information on ingredients

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### 3.1./3.2. Substances/Mixtures

Substance	EU-Index no.	Cas / EINECS no.	CLP-classification	w/w%	Note
Polystyrene	-	9003-53-6/ 500-008-9	-	95-100	-

For the wording of the listed risk phrases refer to section 16.

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## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

Inhalation:	Not relevant. When heated: Seek fresh air. Seek medical advice in case of discomfort.
Ingestion:	Not relevant.
Skin contact:	Seek medical advice in case of persistent discomfort.
Eye contact:	Not relevant.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Additional information:	When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

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

Risk of burns to the skin upon contact with the heated product.

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

When obtaining medical advice, show the safety data sheet or label.

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

Surrounding fire: Extinguish with powder, foam or carbon dioxide. Do not use water stream, as it may spread the fire.

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

The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

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## SECTION 6: Accidental release measures

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

See section 8 for type of protective equipment.

### 6.2. Environmental precautions

Avoid unnecessary release to the environment.

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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. See section 13 for instructions on disposal.

### 6.4. Reference to other sections

See above.

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

See section 8 for information about precautions for use and personal protective equipment.

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

Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

See section 1.

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## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

Occupational exposure limits: None.

#### DNEL and PNEC values:

No data.

### 8.2. Exposure controls

There are no exposure scenarios for this product.

#### Appropriate engineering controls:

Wash hands before breaks, before using restroom facilities, and at the end of the work.

#### Personal protective equipment:

Breathing equipment:	Not required.
Hand protection:	Not required.
Eye protection:	Not required.
Body and skin protection:	Not required.

#### Environmental exposure controls:

Ensure compliance with local regulations for emissions.

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**SECTION 9: Physical and chemical properties**

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**9.1. Information on basic physical and chemical properties**

Appearance:	Clear solid sheet
Odour:	Odorless
Odour threshold:	-
pH:	-
Melting point/ Freezing Point (°C):	240
Initial boiling point and boiling range (°C):	-
Flash point (°C):	345-360
Evaporation rate:	-
Flammability (solid, gas)	-
Upper / lower flammability or explosion limits (vol-%):	-
Vapour pressure (mbar, 25 °C):	-
Vapour density (air=1)	-
Relative density:	1,04-1,06
Solubility(ies)	Not soluble with water
Partition coefficient: n-octanol/water:	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
Viscosity (mm <sup>2</sup> /sek):	-
Explosive properties:	-
Oxidising properties:	-

**9.2. Other information**

Content of solids (%):	-
Surface tension (mN/m, 25 °C):	-

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**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

Non-reactive.

**10.2. Chemical stability**

The product is stable when used in accordance with the supplier's directions.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

Avoid temperatures above 300°C .Exposure to elevated temperatures can cause product to decompose.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

No special precautions regarding contact with other materials at the recommended storage conditions.

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

Substance	Route of exposure	Species	Test	Result
No data	-	-	-	-

Symptoms:

**Inhalation:** By heating up to 200°C the product does not release hazardous vapours.

**Skin contact:** Contact with heated product may cause burns.

**Eye contact:** Contact with heated product may cause burns.

**Ingestion:** Ingestion of heated product may cause burns of the mouth and throat.

**Long term effects:**

None known.

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## SECTION 12: Ecological information

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### 12.1. Toxicity

Substance	Test duration	Species	Test	Result
No data	-	-	-	-

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
-	-	-	-

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
-	-	-	-

### 12.4. Mobility in soil

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### 12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB.

### 12.6. Other adverse effects

None known.

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

The product is not classified as hazardous waste – empty and uncleaned packaging can be disposed off with daily refuse collection. Disposal of larger quantities: Contact the local authorities.

**EWC Code**

20 01 39

### Specific labelling

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### Contaminated packaging:

Uncleaned packaging is to be disposed of via the local waste-removal scheme.

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**SECTION 14: Transport information**

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The product is not covered by the rules for transport of dangerous goods by road and rail according to ADR/RID.

**14.1 -14.4.**

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**14.5. Environmental hazards**

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**14.6. Special precautions for user**

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

Not relevant.

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**SECTION 15: Regulatory information**

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

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**Restrictions for application:**

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**Demands for specific education:**

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**Additional labelling:**

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**15.2. Chemical safety assessment**

Chemical safety assessment has not been performed.

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**SECTION 16: Other information**

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**Other information:**

**Sources:**

EC regulation 1907/2006 (REACH).

Directive 2000/532/EC.

EC Regulation 1272/2008 (CLP).

EH40/2005 WELs (United Kingdom (UK), 8/2007).

**Full text of H-phrases as mentioned in section 2+3:**

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**Other**

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**Minor changes have been made in following sections:**

Section 1, 11.

**This material safety data sheet replaces version:**

1.0 (11-02-2016)

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