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## **MATERIAL SAFETY DATA SHEET**

Product: **SILVER MIRROR PMMA SHEETS**

### **Composition / information on ingredients**

Product description:

Polymethylmethacrylate (PMMA) sheets with protection film

Aluminium (< 5 g/m<sup>2</sup>)

Stabilized water-based compound

Hazardous ingredients:

None

### **Hazards identification**

No obligation to label in accordance to EU Directives.



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In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations.

### **Ecological information**

The product is essentially insoluble in water. The product does not jeopardise the quality of the soil or water.

### **Disposal considerations**

The product is qualified for material recycling. After suitable treatment, the material can again be melted and processed.

The product can be dumped or incinerated in accordance to local regulations.

### **Transport information**

Not classified as hazardous under transport regulations.

### **Regulatory information**

According to EU Directives, there is no imposed any obligatory labelling.

### **Other information**

The information contained herein is based on the present state of our knowledge and therefore does not guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.



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### Storage

Store with the original packing in a protected, dry and cold place.

### **Personal protection**

During a standard handling, it is not necessary to use particular protections.

### **Physical and chemical properties**

Form: sheets

Colour: mirrored

Odour: odourless

### Physical state modification

Softening Point > 100 °C

Ignition temperature > 400 °C

Fire promoting properties: none

Density: 1,19 g/cm<sup>3</sup>

Solubility in water: insoluble

### **Stability and reactivity**

Thermal decomposition > 350 °C

Thermal decomposition, combustion and a wrong handling could spread gas and toxic vapours.

Hazardous Decomposition Products: carbon dioxide and monoxide, monomer, vapour and other degradation products.

Avoid thermal decomposition, do not overheat.

### **Toxicological Information**

The product is non-toxic.



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### **First aid measures**

**INHALATION:** End exposure and move the subject to fresh air immediately. In case of any health problems secure medical attention.

**SKIN CONTACT:** Molten polymer can cause severe burns. Do NOT try to peel molten polymer from the skin! Just rapidly cool down with water and seek medical treatment.

**EYE CONTACT:** Clean eyes using water for 15 minutes while holding the eyelid apart.

**INGESTION:** Not to be requested particular measures.

### **Fire fighting measures**

Extinguishing media: water, dry extinguishing media, foam, carbon dioxide

Fire fighting protective equipment: use of a self-contained breathing apparatus and full protective clothing if smoke inhalation is possible.

### **Accidental release measures**

Cleaning: Use brooms and shovels

### **Handling and storage**

#### Handling

To clean and collect the product use handling mechanical equipment or manual handling.