

## MATERIAL SAFETY DATA SHEET

### 1 Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: **Oroglas®**

Company: **Altuglas International SA**  
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### 2. Composition/Information on Ingredients

Polymethylmethacrylate

### 3. Hazards Identification

No special hazards

### 4. First-Aid Measures

No special measures

### 5. Fire-Fighting Measures

Extinguishing Media: Suitable: Water mist, foam, dry powder.  
Unsuitable: -

Special exposure hazards: During burning methylmethacrylate and  
Other intermediate products will be released

Wear self contained breathing apparatus

### 6. Accidental Release Measures

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Personal Precautions:	None
Environmental Precautions:	None
Cleaning up:	Take up mechanically

## 7. Handling and Storage

Remove dust formed during work with the product

The product is inactive while stored under normal conditions.

## 8. Exposure Controls/Personal Protection

Respiratory Protection: Not necessary

Eye Protection: Wear suitable protective eyewear when sawing and milling

## 9. Physical and Chemical Properties

Appearance:	sheet
Odour:	odourless
Colour:	colourless or coloured
Melting point/range:	softens above 150°C
Autoignition:	421°C
Density:	1,2 g/m <sup>3</sup>
Vapour Pressure:	not applicable
Viscosity:	not applicable
Solubility:	insoluble in water. Soluble in most organic solvents
pH Value:	not applicable

## 10. Stability and Reactivity

Thermal Stability: Decomposition starts at about 240°C

Hazardous Decom. Products: Thermal decomposition or burning may release hazardous vapours.

**11. Toxicological Information**

Use of polymethylmethacrylate for many years has shown no damage.

**12. Ecological Information**

The product is a solid substance, insoluble in water, chemically inert and non-biodegradable.

**13. Disposal Consideration**

Recycling is possible, disposal according to local regulations.

**14. Transport Information**

Not dangerous goods - no classification.

**15. Regulatory Information**

Declaration: Classification not required.

**16. Other Information**

A general MAK-value for fine dust has been fixed at 5 mg/m<sup>3</sup> (Germany). Applies for tooling processes such as sawing and milling.

Oroglas® complies with the terms in “Directive on the Restriction of the use of certain Hazardous Substances (Directive 2002/95/EC – RoHS-directiv)

*This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.*