

**EC SAFETY DATA SHEET FOR  
EXTRUDED ACRYLIC SEMI-FINISHED PRODUCTS**  
(XT ACRYLIC TUBES, RODS, BARS, PROFILES AND ACCESSORIES)

(Update: 01/12/2008)

**1. Material/preparation and firm identification**

**EXTRUDED ACRYLIC SEMI-FINISHED PRODUCTS**

**Gevacril srl**

Strada Vicinale Paolina, 1  
20066 Melzo MI (Italy)  
Tel : 0039 02 95737351  
Fax: 0039 02 95737357

**2. Composition/Information on components**

MMA (Methyl methacrylate)-based acrylic polymer

**3. Possible dangers**

No particular dangers known.

**4. First-aid measures**

**After contact with eyes:** In case of mechanic eye irritation wash carefully with plenty of water and if the irritation persists consult a doctor.

**5. Measures against fire**

**Suitable fire-extinguishing means:** rain-like water-jet, fire foam, extinguishing powder, carbon dioxide

**Means to be avoided because of safety:** full stream water-jet

**Particular protective equipment:** use an independent breathing apparatus

**6. Measures in case of accidental spill**

**Cleaning/picking up procedure:** Pick up mechanically. Dispose according to regulations.

## 7. Manipulation and storage

### Manipulation

#### Instructions for safe usage

In case of thermal manufacturing and/or manufacturing with removal of shavings a suction on the manufacturing machines is required.

#### Instructions for fire and explosion protection

No particular measures required.

### Storage

**Requirements for storage and containers:** Storage in dry place.

## 8. Limits of exposure and personal protection equipment

**Components or decomposition products according to paragraph 10 with limit values to be monitored according to workplace**

<b>Methyl methacrylate</b>	80-62-6		
Air limit value (MAK) 2000		210 mg/m <sup>3</sup>	50 ml/m <sup>3</sup>
High-limit surpassing factor: =1=			
Y – A risk of product damage is not to be feared if MAK and BAT are respected.			

### Personal protection equipment

**Hygienic measures:** respect the usual working hygienic measures

**Breathing protection:** is not required with normal manipulation; in case of manufacturing with removal of shavings a dust-mask can be necessary

**Hand protection:** protective gloves against mechanic risks according to EN 388 – A suitable type of gloves has to be chosen for every workplace

**Eye protection:** protection glasses during manufacturing with shavings

## 9. Physical and chemical properties

### Manifestation

**Form:** solid in various shapes

**Colour:** no colour

**Smell:** no smell

### Important facts for safety

**Softening temperature:** >110°

**Flammability point:** >250°C (ASTM D1929-68)

**Ignition temperature:** >400° C (ASTM D1929-68)

**Autoignition:** unknown  
**Lower explosion point:** not usable  
**Higher explosion point:** not usable  
**Steam pressure:** not usable  
**Density:** 1,18 g/cm<sup>3</sup> at 20° C  
**Water-solubility:** insoluble  
**pH value:** not usable  
**Viscosity (dynamic):** not usable  
**Further information:** none

## 10. Stability and reactivity

**Thermo-decomposition:** >250°C  
**Dangerous reactions:** no dangerous reactions known  
**Dangerous decomposition products:** in case of thermo-decomposition there is a release of flammable steam based mainly on methyl methacrylate with irritating effects for eyes and respiratory tract.

## 11. Toxicological information

### General information

The product has not been tested toxicologically. No negative effects on health are known if used properly.

## 12. Ecologic information

**General information:** The product has not been tested eco-toxicologically. According to the consistency of the product no negative ecologic effects are to be expected on the basis of what is known at present.

### 13. Instructions for disposal

**Product:** The waste is not dangerous. The disposal should take place according to regulation after agreement with the relevant local authorities in a suitable and homologated plant.

**Dirty package:** Uncontaminated package can be recycled.

**EWC waste code:**

07 02 13

Waste from plastic, synthetic rubber and artificial fibre manufacture, formulation, supply and use (MFSU) - plastic waste.

Please check waste code number according to origin on the workplace.

### 14. Instructions for transport

**Further information:** Not-dangerous good according to transport regulation.

### 15. Regulation

**Labelling according to directive 1999/45/EC:** Not applicable

**Further information on labelling:** On the basis of the present toxicological and eco-toxicological information on similar products at our disposal, there is no labelling according to EC directive 1999/45/EC.

**Technical information, Air:** without

### 16. Further information

**Further information:** None

According to *Gevacril srl* the given information is true and reliable at the time of the publication of the present safety card. Gevacril, however, gives no explicit or tacit guarantee for the correctness, reliability or completeness of the information. People who receive this information are strongly invited to decide personally about the suitability and completeness of the information for their particular use.