



**EC SAFETY DATA SHEET FOR CAST ACRYLIC
SEMI-FINISHED PRODUCTS**
(CAST ACRYLIC TUBES, RODS, BARS, BALLS, DOMES)

(Update: 01/12/2008)

1. Material/preparation and firm identification

CAST ACRYLIC SEMI-FINISHED PRODUCTS

Gevacril srl

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2. Composition/Information on components

Acrylic polymers

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

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°

Boiling temperature: not usable

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/cm³ at 20° C

Relative steam density referred to air: not usable

Water-solubility: insoluble

Liposolubility: not established

pH value: not usable

N-octane/water distribution coefficient: not established

Viscosity (dynamic): not usable

10. Stability and reactivity

Thermo-decomposition: 250°C

Dangerous reactions: no dangerous reactions known

Dangerous decomposition products: none with correct use

11. Toxicological information

General information

The product has not been tested toxicologically. According to the consistency and to the low water-solubility of the product a bio-availability is not likely. Research on similar products confirms this assumption.

12. Ecologic information

General information: The product has not been tested eco-toxicologically. According to the consistency and to the low water-solubility of the product a bio-availability is not likely. Research on similar products confirms this assumption.

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 packing 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

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