

MATERIAL SAFETY DATA SHEET

Revision date 09 October 2007

1 Identification of substance

- 1.1 Product details / trade name polycon cast
- 1.2 Manufacturer / Supplier
- | | |
|----------------------------|--|
| Name | etkon AG |
| Address | Lochhamer Schlag 6, 82166 Gräfelfing |
| Phone | 089 / 30 90 75 0 |
| Fax | 089 / 30 90 75 599 e-mail info@etkon.de |
| Internet | www.etkon.de |
| Area providing information | Phone or Fax |
| Emergency information | As above |
- 1.3 Emergency Information As above

2 Composition / Data on components

- 2.1 Characterization *Acryl polymer GS, colorless, tempered*

3 Hazards identification

- 3.1 Hazard designation *No special risks known.*

4 First aid measures

- 4.1 After eye contact *In the case of mechanical irritation of the eyes rinse thoroughly with water and consult doctor if irritation lasts longer. (possible in machining)*

5 Firefighting measures

- 5.1 Suitable extinguishing media *Water spray jet, foam, quenching powder, carbon dioxide*
- 5.2 Protective equipment *Use independent respirator (isolating device).*

6 Accidental release measures

- 6.1 Methods for cleaning / clearing up *Clear up mechanically. Dispose of according to regulations*

7 Handling and storage

- 7.1 Information for safe handling *The product may be processed only by trained employees. Observe instruction for use when processing.*
In thermal processing and/or machining, dust extraction measures at the processing machines are required.
- 7.2 Information about protection against explosions or fires *No special action required.*
- 7.3 Storage Requirements *Dry*

8 Exposure controls and personal protection

- 8.1 General protective and hygienic measures *Comply with hygienic measures customary for the profession*
- 8.2 Breathing equipment *Breathing and eye protection in manual further processing (machining) of the product*

9 Physical and chemical properties

9.1 Appearance:

Shape *solid, disks*

Color *colorless*

Odor *odorless*

9.2.1	pH value on delivery		<i>Not applicable</i>
9.2.2	Condition change	> 110°C	<i>Softening temperature</i>
9.2.3	Flame point		<i>> 250°C (ASTM D 1929-68)</i>
9.2.4	Ignition temperature		<i>> 400°C (ASTM D 1929-68)</i>
9.2.5	Fire-promoting properties		<i>Not applicable</i>
9.2.6	Risk of explosion		<i>Not applicable</i>
9.2.7	Explosion limits:		
	LEL	<i>Not applicable</i>	UEL <i>Not applicable</i>
9.2.8	Density		<i>1.18 g/cm³ at 20°C</i>
9.2.9	Solubility (mg/l) in water		<i>Insoluble</i>

10 Stability and reactivity

10.1	Thermal decomposition		<i>> 250°C</i>
10.2	Dangerous reactions		<i>No dangerous reactions known.</i>
10.3	Dangerous products of decomposition		<i>No dangerous products of decomposition known.</i>

11 Toxicological information

11.1 No injuries to health are known in correct use

12 Ecological information

12.1 General notes:

Because of the consistency of the product and according to the present state of knowledge no negative ecological effects are to be expected.

Product is insoluble in water.

13 Disposal considerations

13.1 Product

The waste is not dangerous. Disposal should be in compliance with the regulations after consultation with the competent authorities and the disposal company in a suitable plant approved for this.

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13.2 EWC waste key

Separately collected fractions – other plastics

Please verify waste key according to area of origin in your plant.

14 Transport regulations

14.1 Land transport (ADR/RID/GGVS/GGVE)

Warning sign

No special precautions required.

14.2 Inland water transport AND/ADNR

- No special precautions required.*
- 14.3 Marine transport IMDG/GGV marine pollutant
 IMDG/GGV Sea class UN-No. PG EmS-No. MFAG no yes(p) yes(pp)
- 14.3.1 Comments *No special precautions or action required.*
- 14.4 Air transport ICAO/IATA
 ICAO/IATA class UN/ID-No. PG
No special precautions required.
- 14.5 Transport – further information *No dangerous transport*

15 Regulatory Information

- 15.1 Identification according to EU Directives
The product does not require identification according to EU Directives and the relevant national laws.
- 15.2 Hazard-determining components for labeling
- 15.2.1 R statements Text(s) *No R statements*
- 15.2.2 R statements Text(s) *No S statements*
- 15.2.3 Special identification of certain preparations *Not applicable*

15.2 National regulations

- 15.2.1 Notes on employment restriction Accident code
Not applicable Not applicable
- 15.2.2 Classification according to VbF: Technical air instructions Water hazard class
Not applicable Not applicable 0
- 15.2.3 Other regulations, restrictions and prohibitions
Product does not require identification according to hazardous substance law.

16 Other information

- 16.1 Training information *Information on use*

NOTES

The information in this safety data sheet is based on the current state of our knowledge and on our experience with the product. It serves exclusively for reducing risk in handling the product and therefore describes it only with regard to safety aspects. The information is thus no assurance of properties within the meaning of our General Terms of Business. It also does not relieve the user from his duty to take care with regard to compliance with applicable laws, regulations and provisions.

We provide our safety data sheets on request free of charge on first-time purchase of the product, further copies can be requested against reimbursement of costs. When the safety data sheet is updated, we inform in agreement with the relevant regulations all those users who have received the safety data sheet from us in the course of the last 12 months before the update. This is done by sending the updated version free of charge. Owners of older safety data sheets can inquire the relevant revision status (=last changed).