



Section 1: Identification

1.1 Product identifier

Product Name: **Polycarbonate Media**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Media for surface treatment, surface preparation and/or cleaning by impact.

1.3 Details of the supplier of the product information

Supplier: The Guyson Corporation of U.S.A.
13 Grande Blvd.
Saratoga Springs, NY 12866
www.guyson.com

1.4 Telephone number: 518-587-7894

1.5 E-mail: custsvc@guyson.com or info@guyson.com

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

The unused product does not contain any components in concentrations, which require a classification as a hazardous substance according to regulation (EC) No 548/1967

During mechanical application (e.g. in blasting machines), dust may occur. The usual precautions should be taken. The statutory limit values for dust in your country have to be observed.

Classification of the substance or mixture

Classification (1272/2008/EC):

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008

Classification (2006/121/EC, 1999/45/EC):

No classification according to EC directives 2006/121/EC or 1999/45/EC

Label elements

Labeling (1272/2008/EC):

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008

Labeling (2006/121/EC, 1999/45/EC):

No labeling is required for this material by the chemicals (Hazard information & packaging for Supply) Regulations 2009 (CHIP 4), in accordance with EC directives.

Section 3: Composition / Information on Ingredients

3.1 Chemical characterization/identification number

Main Ingredients	Hazard Symbols	Percent by Weight	R-Phrases	CAS	EINECS
Bisphenol A polycarbonate		>99			

The ingredients mentioned above are not free available. All ingredients are bonded firmly in the molecular matrix. This product is a plexiglass type material similar to plastic window glass and is a non-hazardous article.

Section 4: First-Aid Measures**4.1 Description of first aid measures**

- **In case of inhalation:** Ensure sufficient fresh air supply and consult a physician if necessary.
- **In case of skin contact:** No measures necessary.
- **In case of eye contact:** Rinse out with plenty of water for at least 10 minutes with eyelids held wide open. Consult an Ophthalmologist.
- **In case of ingestion:** Do not ingest, but small amount is not harmful.

Section 5: Fire-Fighting Measures

5.1 The product is flammable. Keep away from ignition sources.

Suitable extinguishing media: Sprayed water jet, extinguishing powder, carbon dioxide (CO₂), foam, and dry chemical.

Special hazards arising from the substance of mixture: Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe in fumes.

Advice for Fire-Fighters: Fireman must wear self-contained breathing apparatus.

Do not allow contaminated extinguishing water to enter the soil, ground water or surface waters.

Section 6: Accidental Release Measures

6.1 For the unused product, no special measures are necessary.

Spilled material should be collected and placed in refuse container.

Section 7: Handling and Storage**7.1 Handling**

Non-hazardous, no special handling requirements.

7.2 Storage

Store preferably in a dry environment.

Section 8: Exposure Controls / Personal Protection**8.1 Control parameters:**

Specific control parameters are only defined for the elements in the article/ compound, whereas no such limits have been established for the article/compound as such in the EC.

Dust and vapor have to be maintained below the statutory limits in your country by providing adequate dust collection.

8.2 Personal protective equipment:

Hand protection:	Not necessary, or use skin protecting gloves (EN 374:PVC, 0.5mm thickness)
Eye protection:	Wear safety glasses
Feet protection:	Safety shoes are recommended.
Protective clothing:	Normal working clothes are sufficient.
Respiratory protection:	Disposable dust mask is recommended, type FFP2.

Avoid contact with skin, eyes, mouth, and nose.

Section 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Physical state:	Solid, cylindrical
Color:	Yellow
Odor:	Odorless
pH- value:	Insoluble in water, NA
Softening point:	>130°C - 160°C
Boiling point:	NA
Flash point:	Not established
Ignition temp:	>450°C
Decomposition temp:	>= 380 °C
Lower explosion limit:	NA
Upper explosion limit:	NA
Vapor pressure:	No data available
Vapor density:	No data available
Evaporation number:	No data available
Specific gravity:	1.2g/cm ³
Bulk density:	600-700 g/cm ³ (depends on the grain class)
Solubility in water:	None
Dynamic viscosity:	No data available

Section 10: Stability and Reactivity

10.1 Stability:	Stable
Thermal decomposition:	>=380°C
Conditions to be avoided:	High temperature
Hazardous reactions:	No data available
Decomposition products:	CO and CO ₂

Section 11: Toxicological Information**11.1 Information on toxicological effects**

There are no quantitative data for the product. It can be assumed, that there are no toxicological effects with the appropriate handling and use of the product.

Irritation to the skin: None

Irritation to the eyes: None

Sensitivity: None

Section 12: Ecological Information

12.1 The product is not soluble in water, no precautions required. Not biodegradable.

Section 13: Disposal Considerations**13.1 Disposal information**

The information below applies to the product as it is and not with regard to material that may be mixed with other products or materials. Other disposal methods may be necessary with other unknown materials.

Dispose of in accordance with applicable local/municipal, state/ provincial and federal regulations.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Section 14: Transport Information

ADR /RID Not dangerous goods, non-hazardous

ADN Not dangerous goods, non-hazardous

IATA Not dangerous goods, non-hazardous

IMDG Not dangerous goods, non-hazardous

Special precautions for user: Not dangerous cargo

Section 15: Regulatory Information

Labeling according to EC directives: None

Hazardous symbols: None

R-phrases: None

S-phrases: None

Section 16: Other information

The indications made in this Safety Data Sheet are based on the present state of our know-how and experience. The Safety Data Sheet describes the unused product in view of safety requirements. The indications do not constitute any guarantee with regard to product and do not create a contractual legal relationship.

All information given above refers to the unused product. The chemical and physical properties of the waste strongly depend on the conditions of use. All indications made in this Safety Data Sheet concerning composition, dangers, first aid, fire-fighting measures, accidental release measures, handling and storage, exposure control and personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal information, transport information and regulatory information are only valid for the unused product and not for abrasive waste.

It is the responsibility of the user to find out all the necessary information.