

Section 1: Identification

1.1 Product identifier

Product Name: **Acrylic Media**
Product Category: Acrylic resin, molded and cured.

1.2 Intended Use:

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.

Section 3: Composition / Information on Ingredients

3.1 Chemical characterization/identification number

Main Ingredients	Hazard Symbols	Percent by Weight	R-Phrases	CAS	EINECS
Molded cured Acrylic resin		>99			

The ingredients mentioned above are not free available. All ingredients are bonded firmly in the molecular matrix. Acrylic is an 'article' and is commonly used as plexiglass which is the basic make up of AC media.

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 Extinguishing media**

Suitable extinguishing media: Foam, powder, CO2

5.2 Special hazards arising from the substance or mixture

The product is flammable.

In case of fire, hazardous combustion-products may be generated.

5.3 Advice for fire-fighters

Fire-Fighters should use protective breathing devices.

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 Exposure Controls**Personal protective equipment:**

Hand protection:	Not necessary, or use skin protecting gloves.
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**

Form:	Solid, granular
Color:	Clear, white, gray and some colors
Odor:	Typical odor of plastic
pH- value:	Not applicable
Melting point:	None
Boiling point:	None
Flash point:	No data available
Ignition temp:	>390°C
Upper explosion limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Evaporation number:	No data available
Density:	1.18 g/cm ³
Bulk density:	0.70 g/cm ³ (depends on the grain class)
Hardness:	Mohs 3.5
Solubility in water:	None
Dynamic viscosity:	No data available

Section 10: Stability and Reactivity**10.1 Information on Stability and Reactivity**

Stability:	Stable
Thermal decomposition:	>250°C
Conditions to be avoided:	High temperature
Hazardous reactions:	No data available
Decomposition products:	CO ₂ , CO, smoke

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 Ecological Information**

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

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.

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**15.1 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.