

## Material Safety Data Sheet

According to regulation (EC) No 1907/2006 Reach

Trade name: CG Cryogenic Grade blast cleaning media      Revision Date: 1/15/2014

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

Trade Name:                      Cryogenic Grade blast cleaning media (white) granulate  
  in all sizes (Also CG Red and CG Clear)  
  CG-15, CG-20, CG-30, CG-38, CG-45, CG-60, CG-80,  
  CG-125  
  CG-20 Red, CG-30 Red, CG-45 Red, CG-60 Red  
  CG-50 Clear, CG-60 Clear

Product Category:              Polycarbonate

Intended Use:                    Deflashing of molded rubber and plastic parts

Manufacturer:                    Maxi-Blast Inc  
  3650 North Olive Road  
  South Bend, IN 46628, USA

Information contact:            001-574-233-1161

Emergency phone:               001-574-233-1161

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### 2. HAZARDS IDENTIFICATION

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

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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

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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### 4. 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 the eyelids held wide open. Consult an ophthalmologist

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5. FIRE-FIGHTING MEASURES

The product is flammable. Keep away from ignition sources

Suitable extinguishing media: sprayed water jet, extinguishing powder, carbon dioxide (CO<sub>2</sub>), foam, 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 the fumes.

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

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

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6. ACCIDENTAL RELEASE MEASURES

For the unused product, no special measures are necessary

Spilled material should be collected and placed in refuse container

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7. HANDLING AND STORAGE

Handling: Non-hazardous, no special handling requirements

Storage: Store preferably in a dry environment

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

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

Hand protection:	Not necessary, or use skin protection gloves (EN 374:PVC, 0.5mm thickness)
Eye protection:	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

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid
Color:	white, red, clear
Odor:	odorless
pH-Value:	insoluble in water, NA
Softening point:	>130° - 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 <sup>3</sup>
Bulk density:	600-700 g/cm <sup>3</sup> (depends on the grain class)
Solubility in water:	none
Dynamic viscosity:	no data available

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10. STABILITY AND REACTIVITY

Stability:	Stable
Thermal decomposition:	>=380° C
Conditions to be avoided:	high temperature
Hazardous reactions:	no data available
Decomposition products:	CO and CO <sub>2</sub>

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11. TOXICOLOGICAL INFORMATION

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

Irritation to the skin: none  
Irritation to the eyes: none  
Sensitivity: none

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12. ECOLOGICAL INFORMATION

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

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13. 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

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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

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### 15. REGULATORY INFORMATION

Labeling according to EC directives: none

Hazard symbols: none

R-phrases: none

S-phrases: none

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### 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.