

## SECTION I

|  |   |
|--|---|
| PRODUCT NAME OR NUMBER (as it appears on label)<br>Cryogenic Grade™ (CG) Blast Media                             |   |
| MANUFACTURER'S NAME<br>Maxi-Blast, Inc   | EMERGENCY TELEPHONE NO.<br>(574) 233-1161 |
| ADDRESS (Number, Street, City, State and Zip Code)<br>3650 North Olive Road, South Bend, Indiana 46628           | MANUFACTURER'S D-U-N-S NO.<br>03-934-9162 |
| MATERIAL DESCRIPTION, PROPER SHIPPING NAME<br>Plastic Material Pellets      Item 156200      Class 60C or FAK 50 |   |
| HAZARD CLASSES (as applicable)<br>Non-Regulated  |   |
| CHEMICAL FAMILY<br>Polycarbonate   | FORMULA<br>Bisphenol A Polycarbonate      |

## SECTION II – INGREDIENTS (list all ingredients)

| CAS REGISTRY NO. | Approx. %W | CHEMICAL NAME(S)          | Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify) |
|------------------|------------|---------------------------|---|
| 25971-63-5       | > 98       | Bisphenol A Polycarbonate | No  |
| Various          | < 2        | Pigments                  | No  |
|                  |            |                           |   |
|                  |            |                           |   |

## SECTION III – PHYSICAL DATA

|                                     |   |                                       |      |                             |       |
|-------------------------------------|---|---------------------------------------|------|-----------------------------|-------|
| SOFTENING POINT    302° F    150° C | N.A.  | SPECIFIC GRAVITY (H <sub>2</sub> O=1) | 1.2  |                             |       |
| MELTING POINT    428° F    220° C   | N.A.  | PERCENT VOLATILE BY VOLUME (%)        | N.A. | PERCENT SOLID BY WEIGHT (%) | 100   |
| VAPOR DENSITY (AIR=1)               | N.A.  | EVAPORATION RATE ( =1)                | N.A. |                             |       |
| SOLUBILITY IN WATER                 | Nil   | PH=                                   | N.A. |                             |       |
| APPEARANCE AND ODOR                 | Solid pellets, White in Color, Minimal Odor |                                       |      | MATERIAL FORM:              | Solid |

## SECTION IV– FIRE AND EXPLOSION HAZARD DATA

|                                    |  |                  |             |             |
|------------------------------------|--|------------------|-------------|-------------|
| AUTOIGNITION TEMPERATURE           | 840° F    450° C   | FLAMMABLE LIMITS | LEL<br>N.A. | UEL<br>N.A. |
| EXTINGUISHING MEDIA                | Water, Carbon Dioxide, Dry Chemical, Foam are preferred for its cooling capacity.  |                  |             |             |
| SPECIAL FIRE FIGHTING PROCEDURES   | Material tends to self extinguish when removed from a source of ignition. Firefighters should wear self contained breathing apparatus. |                  |             |             |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | N/A  |                  |             |             |

## SECTION V – HEALTH HAZARD DATA

|   |   |
|---|---|
| EFFECTS OF OVEREXPOSURE – Conditions to Avoid   | THRESHOLD LIMIT VALUE <input type="text"/>      |
|   | PERMISSIBLE EXPOSURE LIMIT <input type="text"/> |
| Mechanical injury to eyes and/or skin can occur. Excessive dust inhalation may be harmful.  |   |
| PRIMARY ROUTES OF ENTRY <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify) Eye    Through mechanical contact only. |   |
| EMERGENCY AND FIRST AID PROCEDURES    In case of irritation flush eyes or skin with water. In case of excessive inhalation of dust remove to fresh air. Call physician if necessary.                                |   |

## SECTION VI – REACTIVITY DATA

|  |               |   |   |
|--|---------------|---|---|
| STABILITY  | UNSTABLE      |   | CONDITIONS TO AVOID    Sources of ignition. |
|  | STABLE        | X |   |
| INCOMPATIBILITY(materials to avoid)                      No specific incompatibility.  |               |   |   |
| HAZARDOUS DECOMPOSITION PRODUCTS                      Thermal decomposition may release smoke, Carbon Dioxide and Carbon Monoxide. |               |   |   |
| HAZARDOUS POLYMERIZATION   | MAY OCCUR     |   | CONDITIONS TO AVOID                         |
|  | MAY NOT OCCUR | X |   |

## SECTION VII – SPILL OR LEAK PROCEDURES

|   |  |
|---|--|
| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED    Keep away from open flame sparks and hot surfaces. |  |
| Sweep or vacuum up and place waste in disposal container.   |  |
| WASTE DISPOSAL METHOD    Disposal must be made according to Federal, State and Local regulations.               |  |
| CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)   | N.A.   |
| RCRA HAZARDOUS WASTE NO. (40 CFR 261.33)  | N.A.   |
| VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)    N.A.  |  |
| <input type="checkbox"/> Theoretical _____ lb/gal   | <input type="checkbox"/> Analytical _____ lb/gal |

## SECTION VIII – SPECIAL PROTECTION INFORMATION

|  |  |         |
|--|--|---------|
| RESPIRATORY PROTECTION (Specify Type)    Provide adequate ventilation. NIOSH/MSHA approved respiratory protection as required. |  |         |
| VENTILATION  | LOCAL EXHAUST (Specify Rate)    As required for specific user application. | SPECIAL |
|  | MECHANICAL (General – Specify Rate)    See Section IX "Other Precautions"  | OTHER   |
| PROTECTIVE GLOVES (Specify Type)    Normal Work Gloves   | EYE PROTECTION (Specify Type)    Safety Goggles                            |         |
| OTHER PROTECTIVE EQUIPMENT    Special protection is required for workers exposed to abrasive blast operation.                  |  |         |

## SECTION IX – SPECIAL PRECAUTIONS

|   |   |
|---|---|
| PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING    Keep dry to maintain material in usable condition. |   |
| Store in original containers to maintain identity.  |   |
| OTHER PRECAUTIONS    Determine compliance with OSHA 1910.1000 Table Z-3 "Inert or Nuisance Dust"      |   |
| PEL – Total Dust: 15 mg/m <sup>3</sup>  | Respirable Fraction: 5 mg/m <sup>3</sup>  |
| PEL= Permissible Exposure Limits, 8 hr. Time Weighted Average   | N.A. = Not Applicable                      mg/m <sup>3</sup> = milligrams per cubic meter |

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| <p><b>Maxi-Blast<sup>®</sup> Inc.</b></p> <p>3650 North Olive Road – South Bend, In 46628<br/>         (574) 233-1161 – Fax: (574) 234-0792 – e-mail: info@maxiblast.com<br/>         MSDSCG Page 2 Rev. – 7 1/31/08</p> |  |
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