SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1. Product Identifiers
   Product Name: Poly (ethylene glycol) diacrylate
   Catalog No.: GS755
   Brand Name: PEGSSDA
   CAS No.: N/A

2. Relevant identified uses of the substance or mixture and uses advised against
   Identified Uses: Laboratory chemicals, Manufacturer of substances

3. Details of the supplier of the safety data sheet
   Company: Advanced BioMatrix, Inc.
   Address: 5930 Sea Lion Place
            Carlsbad, CA 92010 USA
   Phone: 1-800-883-8220
          1-760-929-0755 outside USA
   Fax: 1-510-217-3452

4. Emergency telephone number
   Emergency Phone No.: 1-800-883-8220

SECTION 2 – HAZARDS IDENTIFICATION

1. Classification of the substance or mixture
   GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
   Skin irritation (Category 2), H315
   Serious eye damage (Category 1), H318
   Skin sensitisation (Category 1), H317
   For the full text of the H-Statements mentioned in this Section, see Section 16.

2. GHS Label elements, including precautionary statements
   Pictogram

   Signal word: Danger
   Hazard statement(s):
   H315: Causes skin irritation.
   H317: May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/eye protection/face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see supplemental first aid instructions on this label).
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P501 Dispose of contents/container to an approved waste disposal plant.

3. Hazards not otherwise classified (HNOC) or not covered by GHS – None

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

1. Substances

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly (ethylene glycol) diacrylate</td>
<td>Skin Irrit.2; Eye Dam. 1: Skin Sens. 1; H315, H318, H317</td>
<td>&lt;= 100%</td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

No ingredients hazardous according to OSHA criteria.
No components need to be disclosed according to the applicable regulations.
SECTION 4 – FIRST AID MEASURES

1. **Eye Contact**
   Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician.

2. **Skin Contact**
   Wash skin with copious amounts of water.

3. **Inhalation**
   Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

4. **Ingestion**
   Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. **Most important symptoms and effects, both acute and delayed**
   The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

6. **Indication of any immediate medical attention and special treatment needed**
   No data available

SECTION 5 – FIREFIGHTING MEASURES

1. **Extinguishing media**
   Use agent most appropriate to extinguish fire. Suitable: Water spray, carbon dioxide, dry chemical powder, or appropriate form.

2. **Special hazards arising from the substance or mixture**
   Nature of decomposition of products not known.

3. **Advice for firefighters**
   Wear self-contained breathing apparatus for firefight if necessary.

4. **Further Information**
   No data available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

1. **Personal precautions, protective equipment and emergency procedures**
   Avoid dust formation.
   Avoid breath vapors, mist or gas.
   For personal protection see section 8.

2. **Environmental precautions**
   Do not let product enter drains.

3. **Methods and materials for containment and cleaning up**
   Sweep up and shovel. Keep in suitable, closed containers for disposal.

4. **Reference to other sections**
For disposal see section 13.

SECTION 7 – HANDLING AND STORAGE

1. **Precautions for safe handling**
   Provide appropriate exhaust ventilation at place where dust is formed.
   For precaution see section 2.2

2. **Conditions for safe storage, including any incompatibilities**
   Recommended storage -10°C to -70°C

3. **Specific end use(s)**
   Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

1. **Workplace control parameters**
   The product does not contain any substances with occupational exposure limit values.

2. **Exposure controls**
   **Appropriate engineering controls**
   General industrial hygiene practice.

   **Personal protective equipment**
   
   **Eye/Face protection**
   Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

   **Skin protection**
   Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of the contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

   **Body protection**
   Choose body protection in relations to its type, to the concentration and amount of dangerous substances, and to the specific work place. The type of protective equipment must be selected according to the concentration and the amount of the dangerous substance at the specific work place.

   **Respiratory protection**
   Respiratory protection is not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

   **Control of environmental exposure**
   Do not let product enter drains.
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance**: White powder
- **Odor**: No data available
- **Odor threshold**: No data available
- **pH**: No data available
- **Melting point/freezing point**: Melting point 12-17° C (54-63 ° C)
- **Initial boiling point and boiling range**: No data available
- **Flash point**: No data available
- **Evaporation rate**: No data available
- **Flammability**: No data available
- **Upper/lower flammability**: No data available
- **Vapor pressure**: No data available
- **Vapor density**: No data available
- **Relative density**: No data available
- **Water solubility**: No data available
- **Partition coefficient: n- octanol/water**: No data available
- **Auto-ignition temperature**: No data available
- **Decomposition temperature**: No data available
- **Viscosity**: No data available
- **Explosive properties**: No data available
- **Oxidizing properties**: No data available

SECTION 10 – STABILITY AND REACTIVITY

- **Reactivity**: No data available
- **Chemical stability**: Stable under recommend storage conditions
- **Possibility of hazardous reactions**: No data available
- **Conditions to avoid**: Elevated temperatures, direct heating, dirt, chemical contamination, sunlight, UV or ionizing radiation, May polymerize on exposure to light.
- **Incompatible material**: Strong oxidizing agents, Amines, Free radical initiators, Chemically active metals
- **Hazardous decomposition products**: Hazardous decomposition products formed under fire conditions. Carbon oxides - Nature of decomposition products not known.
**In the event of fire: see section 5.**

SECTION 11 – TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No data available</td>
</tr>
<tr>
<td>Dermal</td>
<td>No data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>No data available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
</tr>
<tr>
<td>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC</td>
<td></td>
</tr>
<tr>
<td>ACGIH: No data available</td>
<td></td>
</tr>
<tr>
<td>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP</td>
<td></td>
</tr>
</tbody>
</table>

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific target organ toxicity</td>
<td></td>
</tr>
<tr>
<td>Single exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Repeated exposure</td>
<td>No data available</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>No data available</td>
</tr>
<tr>
<td>Additional information</td>
<td></td>
</tr>
<tr>
<td>RTECS</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.**

SECTION 12 – ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>No data available</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>No data available</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>No data available</td>
</tr>
<tr>
<td>Results of PBT and vPvB assessment</td>
<td>PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other adverse effect</td>
<td>No data available</td>
</tr>
</tbody>
</table>
SECTION 13 – DISPOSAL CONSIDERATIONS

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14 – TRANSPORT INFORMATION

- DOT (US): Not dangerous goods
- IMDG: Not dangerous goods
- IATA: Not dangerous goods

SECTION 15 – REGULATORY INFORMATION

- REACH No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title 111, Section 313.
SARA 311/312: No SARA Hazards
Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.
Pennsylvania Right To Know Components
No components are subject to the Pennsylvania Right to Know Act.
New Jersey Right To Know Components
No components are subject to the New Jersey Right to Know Act.

SECTION 16 – OTHER INFORMATION

Further information:
This information has been prepared by Advanced BioMatrix, Inc. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a
guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Advanced BioMatrix, Inc. and its Affiliates shall not be held liable for any damages resulting from handling or from contact with the above product. See www.advancedbiomatrix.com for additional terms and conditions of sale.

**Preparation Information:**
Advanced BioMatrix, Inc.
1-800-883-8220