## 1. IDENTIFICATION

Product: ABS  P/N: 982161.001, 982161.002, 982161.003  
Product Use: For laboratory use only.  
MSDS #: 901148.001  
Date: Rev E, December 17, 2012

## 2. HAZARDS IDENTIFICATION:

The product is not hazardous in the form in which it is placed on the market and under the normal and recommended conditions of storage and use. The product is considered an article and is not dangerous according to the criteria set by the European Union (EU) or GHS.

The small quantities supplied in our products are unlikely to cause severe or immediate health effects. Use only as directed and in accordance with safe laboratory practices.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

### EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>CHEMICAL INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>EC NUMBER</th>
<th>% by Weight</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>EU IOELV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylonitrile-butadiene-styrene copolymer</td>
<td>9003-56-9</td>
<td>618-371-8</td>
<td>100</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Notes: Product is provided as a package of small polymer bars.

## 4. FIRST AID MEASURES:

Inhalation: Remove to fresh air.
Skin Contact: Flush with water.
Eye Contact: Immediately flush with water for a minimum of 15 minutes.
Ingestion: Get medical attention.

After following first aid measures, seek medical attention.

## 5. FIRE-FIGHTING MEASURES:

Flammable Properties: NA
Extinguishing Media: Dry chemical, carbon dioxide or appropriate foam.
Unique Aspects Contributing To a Fire: None.
Special Fire Fighting Procedures: None.
Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES: Sweep up and place wastes into closed containers for proper disposal.

## 7. HANDLING AND STORAGE: Handle as directed and in accordance with safe laboratory practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Handle in accordance with safe laboratory practices.

Respiratory Protection: Not normally needed.
Eye Protection: Safety glasses with side protection.
Skin Protection: No special requirements. Disposable nitrile are acceptable for light intermittent exposure.
Engineering Controls: No special requirements.
9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Plastic bars
Physical State: Solid
Flash Point: NA
Vapor Pressure: NA
Odor: None
Explosion Limits: NA
Vapor Density (air=1): NA
pH: NA
Boiling Point: NA
Solubility in Water: Not soluble
Specific Gravity: NA
Melting Point: >212 °F (>100 °C)
Other: NA

10. STABILITY AND REACTIVITY:
Hazardous Polymerization: □Will Not Occur □May Occur
Stability: Stable

Hazardous Decomposition/Combustion Products:
Oxides of nitrogen and carbon, Hydrogen cyanide.

Conditions & Materials to Avoid:
Strong acids, Strong bases.

11. TOXICOLOGICAL INFORMATION:
When used and handled according to directions, the product does not have any harmful effects according to our experience and the information provided to us.

Primary Route(s) of Exposure under Normal Use: None.
Target Organ(s): NA
Acute Effects: NA
Chronic Effects: NA

Other Information: Chemical Ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

12. ECOLOGICAL INFORMATION:
Ecotoxicity is expected to be low based on the low water solubility. Low bioaccumulation potential. This material is not considered to be biodegradable.

13. DISPOSAL CONSIDERATIONS: Consult state, local or national regulations for proper disposal. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.

IATA/ICAO: Shipping Name: NA
Hazard Class: NA
UN/NA #: NA
Packing Group #: NA
IMDG: NA
ADR: NA

15. REGULATORY INFORMATION:
U.S. TOSCA: Listed

Canada: This product has been classified according to the hazard criteria of the Controlled Product Registration (CPR) and this SDS contains all the information required by the CPR.

16. OTHER INFORMATION:

U.S. EPA

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>SARA 313 Chemicals</th>
<th>National Fire Protection Association Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>HEALTH NA</td>
</tr>
<tr>
<td>4=Severe Hazard</td>
<td>3=Serious Hazard</td>
<td>FLAMMABILITY NA</td>
</tr>
<tr>
<td>2=Moderate Hazard</td>
<td>1=Slight Hazard</td>
<td>REACTIVITY NA</td>
</tr>
<tr>
<td>0=Minimal Hazard</td>
<td></td>
<td>OTHER NA</td>
</tr>
</tbody>
</table>

Notes, abbreviations and acronyms:
ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstracts Service (division of the American Chemical Society)
EC: European Commission
EU IOELV: European Union Indicative Occupational Exposure Limit Values
OSHA: Occupational Safety and Health Administration

For laboratory use only. Not for drug, household or other uses.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Waters makes no warranties and assumes no liability in connection with the use of this information. It is the user’s responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.

901148.001