AdvaBond® 7302

Section 1. Product and Company Identification

Product Name: AdvaBond® 7302  
Chemical Name/Family: Ethylene Copolymer Dispersion  
CAS No.: Proprietary  
Product Use: Adhesion Promoter  
Restrictions: For Industrial Use Only  
Company: Advanced Polymer, Inc.  
Address: 400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A.  
Telephone: 201-933-0600  
Fax: 201-933-8442  
24 Hour Emergency Number 800-424-9300  
24 Hour Chemtrec Number 800-424-9300

Section 2. Hazards Identification

GHS Classification:  
Skin sensitization Category 1  
Skin corrosion/irritation Category 2  
Specific target organ toxicity, single exposure Category 3  
Serious eye damage/eye irritation Category 2A

GHS Label:  

Symbol:  
Signal Word: Warning

Hazard Classification:  

Hazard Statement:  
May cause an allergic skin reaction  
Causes skin irritation  
May cause respiratory irritation  
Causes serious eye irritation
Precautionary Statement:

**Prevention**
- Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear eye protection/face protection and protective gloves.
- Wash hands and contaminated skin thoroughly after handling.
- Use only outdoors or in a well-ventilated area.

**Response**
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/ attention.
- Specific treatment (see supplemental first aid instructions on this SDS).
- Wash contaminated clothing before reuse.
- Take off contaminated clothing and wash before reuse.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

**Storage**
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

**Disposal**
- Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other Hazards:** No information available

### Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Copolymers</td>
<td>Trade Secret</td>
<td>30</td>
</tr>
<tr>
<td>Aqua ammonia</td>
<td>1336-21-6</td>
<td>≤0.2</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634=33-5</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>≥69</td>
</tr>
</tbody>
</table>

### Section 4. First Aid Measures

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. If skin irritation or rash occurs: Get medical advice/ attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
***Inhalation***: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

***Ingestion***: Call a poison control center or doctor immediately for treatment advice. Drink 1 to 2 glasses of water to dilute. Do not give anything to an unconscious person. Do not induce vomiting unless told to by a poison control center or doctor.

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**Section 5. Firefighting Measures**

| Specific Hazards in Case of Fire: | Mixture is not flammable. The product is stable at normal handling and storage conditions. |
| Fire Extinguishing Media: | Material can be extinguished with carbon dioxide (CO2), dry chemical, foam, water spray. |
| Unsuitable Extinguishing Media: | Not applicable |
| Special Protective Equipment and Precaution for Firefighters: | In the event of fire, wear self-contained breathing apparatus. Move containers promptly out of fire zone. If removal is impossible, cool containers with water spray. Remain upwind. Avoid breathing smoke. Contain run-off. |
| Unusual Fire & Explosion Hazards: | Closed containers may rupture via pressure build-up when exposed to fire or extreme heat. During a fire, irritating and highly toxic gases and/or fumes may be generated during combustion or decomposition. |

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**Section 6. Accidental Release Measures**

| Personal Precautions: | Material is a potential sensitizer. If exposed to material during clean-up operations, immediately remove all contaminated clothing and wash exposed skin areas with soap and water. See SECTION 4, First Aid Measures, for further information. Do not take clothing home to be laundered. Appropriate protective equipment must be worn when handling a spill of this material. |
| Protective Equipment: | Use personal protective equipment (e.g. protective gloves, gas respirators, safety glasses). |
| Environmental Precautions: | Discharge into the environment must be avoided. Do not let product enter drain. |
| Methods and Materials for Containment and Cleaning up: | If there is no danger, stop the leak. Collect liquid in an appropriate container or absorb with an inert material (e.g. sand earth vermiculite), and place in a chemical waste container. If the product leaks a lot, enclosed by embankments to prevent runoff, leading to a safe place to recover. Remove all sources of ignition. |

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**Section 7. Handling and Storage**

| Handling Conditions: | Material is a potential sensitizer. See SECTION 8, Exposure Controls/Personal Protection, prior to handling. Vapors can be evolved when material is heated during processing operations. See SECTION 8, Exposure Controls/Personal Protection, for types of ventilation required. Wash after handling and shower at end of work period. **Agitate contents of container before using** |
| If the product freezes, allow to thaw then mix thoroughly. Product quality testing should be performed before using the product. |
Section 8. Exposure Control/Personal Protection

Exposure Limits:

<table>
<thead>
<tr>
<th>Component</th>
<th>Regulation</th>
<th>Type of Listing</th>
<th>Value/Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aqua ammonia</td>
<td>OSHAZ-1</td>
<td>TWA</td>
<td>35 mg/m3; 50 ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TWA</td>
<td>25 ppm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>STEL</td>
<td>35 ppm</td>
</tr>
</tbody>
</table>

Appropriate engineering controls: Use local exhaust ventilation with a minimum capture velocity of 100 ft./min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Personal protective equipment:

Respiratory Protection: A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information.

Hand Protection: Chemical resistant gloves

Eye Protection: Safety glasses, Chemical goggles

Skin and Body Protection: Protective clothing

Other Protective Equipment: Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Hygiene Measures: Wash hand thoroughly after use.

Section 9. Physical and Chemical Properties

Physical State: Liquid

Color: Milky white to light yellow

Odor: Mild odor

Odor Threshold: No information available

% Non-volatile by Weight: 30.0

pH: 10.0

Specific Gravity (77°F): 1.02

% Volatile by Weight: 70.0

Melting Point / Freezing Point: 32 °F (0°C)

Boiling point: 212°F (100°C)

Flash Point: Non combustible

Evaporation Rate (BuAc=1): <1.00 Water

Flammability: No information available

Explosion Limits: No information available

Vapor Pressure (mmHg): 17.00 mmHg at 20.00 °C (68.00 °F) Water

Vapor Density (Air=1): No information available

Solubility: Disperse easily in water

Partition Coefficient: No information available

Auto-ignition Temperature: No information available
Section 10. Stability and Reactivity

- **Chemical Stability:** Stable at normal temperatures and pressure.
- **Hazardous Polymerization:** May not occur.
- **Conditions to Avoid:** PROTECT FROM FREEZING.
- **Incompatible Materials:** None known.
- **Hazardous Decomposition Products:** Thermal decomposition may yield the following: monomer vapors, Carbon oxides, Nitrogen oxides.

Section 11. Toxicological Information

**Primary Routes of Entry:**
- **Eye:** No
- **Skin:** Yes
- **Inhalation:** No
- **Ingestion:** No

**Potential Health Effects:**
- **Inhalation:** At room temperature, exposure to vapor is minimal due to low volatility, single exposure is not likely to be hazardous.
- **Ingestion:** Very low toxicity if swallowed.
- **Skin:** Brief contact may cause severe skin burns. Symptoms may include pain, severe local redness and tissue damage. Liquid may cause frostbite upon skin contact. Vapors may bum skin. Classified as corrosive to the skin according to DOT guidelines. Corrosive after 3 minutes to 1 hour of exposure.
- **Eyes:** May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur. Vapor may cause eye irritation experienced as mild discomfort and redness. Liquid may cause frostbite.

**Acute Toxicity:**
- Aqua Ammonia: LC50, Rat male, 1H, dust/mist, 9.850 mg/l

**Chronic Toxicity:**
- No data available

**Skin Sensitization:**
- May cause an allergic skin reaction.

**Respiratory Sensitization:**
- No data available

**Mutagenicity:**
- No data available

**Specific target organ toxicity (single exposure)**
- No data available

**Carcinogenicity:**
- IARC: No
- NTP: No
- OSHA: No

Section 12. Ecological Information

**Ecotoxicity (Aquatic and Terrestrial):**
- Aqua Ammonia: Material is highly toxic to aquatic organisms on an acute basis LC50/EC50 between 0.1 and 1 mg/L in the most sensitive species tested
  - LC50, Fish, 96 Hour, 0.89 mg/l
  - LC50, Daphnia magna (Water flea), static test, 48 Hour, 101 mg/l

**Bioaccumulative Potential:**
- No information available

**Mobility in Soil:**
- No information available

**PBT and vPvB Assessment:**
- No information available

**Other Adverse Effects:**
- No information available
Section 13. Disposal Considerations

Product: Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposing of Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information

| Land Transport (DOT): | Not Regulated |
| Sea Transport (IMDG): | Not Regulated |
| Air Transport (IATA): | Not Regulated |
| Environmental Hazards (e.g., Marine pollutant): | Not a marine pollutant |

Section 15. Regulatory Information

International Inventories:
- TSCA (USA): Listed
- DSL (Canada): No information available
- ENCS (Japan): No information available
- REACH (Europe): No information available
- IECSC (China): No information available
- KECL (Korea): No information available
- PICCS (Philippines): No information available
- AICS (Australia): No information available
- ERMA (New Zealand): No information available

Federal Regulations:
- SARA 313: No information available
- SARA 311/312: No information available
- Clean Water Act: No information available
- Clean Air Act, Section 112 HAPs (See 40CFR61): No information available

State Regulations:
- Massachusetts Right to Know Components: No information available
- New Jersey Right to Know Components: No information available
- Pennsylvania Right to Know Components: No information available
- California Proposition 65: No information available

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:
- Health Hazard: 2
- Flammability: 0
- Physical Hazard: 0
- Personal Protection Equipment: X

NFPA Rating
- Health Hazard: 2
Fire Hazard: 0
Reactivity Hazard: 0

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Prepared By .................................... Advanced Polymer, Inc.
Date Revised ................................. July 3, 2018
Revised By ..................................... Advanced Polymer, Inc.

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