

## AdvaBond® 7302

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### Section 1. Product and Company Identification

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Product Name:	<b>AdvaBond® 7302</b>
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

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### Section 2. Hazards Identification

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#### 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

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**Section 3. Composition/Information on Ingredients**

Ingredients	CAS No.	Percent
Ethylene Copolymers	Trade Secret	30
Aqua ammonia	1336-21-6	≤0.2
Benzisothiazolinone	2634=33-5	<1.0
Water	7732-18-5	≥69

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**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

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- 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 (CO<sub>2</sub>), 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

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- 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

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- 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\*\*
- Storage Conditions:** Store in a well-ventilated place. Keep container tightly closed. Store locked-up. Store out of direct sunlight. Store at 41 ° F— 122 ° F (5°C— 50°C).  
\*\*PROTECT FROM FREEZING\*\*  
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:**

Component	Regulation	Type of Listing	Value/Notation
Aqua ammonia	OSHAZ-1	TWA	35 mg/m <sup>3</sup> ; 50 ppm
	ACGIH	TWA	25 ppm
	ACGIH	STEL	35 ppm

**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

<b>Physical State:</b>	Liquid
<b>Color:</b>	Milky white to light yellow
<b>Odor:</b>	Mild odor
<b>Odor Threshold:</b>	No information available
<b>% Non-volatile by Weight:</b>	30.0
<b>pH:</b>	10.0
<b>Specific Gravity (77°F):</b>	1.02
<b>% Volatile by Weight:</b>	70.0
<b>Melting Point / Freezing Point:</b>	32 °F (0°C)
<b>Boiling point:</b>	212°F (100°C)
<b>Flash Point:</b>	Non combustible
<b>Evaporation Rate (BuAc=1):</b>	<1.00 Water
<b>Flammability:</b>	No information available
<b>Explosion Limits:</b>	No information available
<b>Vapor Pressure (mmHg):</b>	17.00 mmHg at 20.00 °C (68.00 °F) Water
<b>Vapor Density (Air=1):</b>	No information available
<b>Solubility:</b>	Disperse easily in water
<b>Partition Coefficient:</b>	No information available
<b>Auto-ignition Temperature:</b>	No information available

**Viscosity:** No information available

**Decomposition 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
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### 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 burn 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
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## 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

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### Section 13. Disposal Considerations

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<b>Product:</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Disposing of Contaminated Packaging:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### Section 14. Transport Information

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

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### Section 15. Regulatory Information

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<b>International Inventories:</b>	
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
<b>Federal Regulations:</b>	
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
<b>State Regulations:</b>	
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

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### Section 16. Other Information

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<b>WHMIS Classification:</b>	No information available
<b>HMIS Rating:</b>	
Health Hazard	2
Flammability:	0
Physical Hazard:	0
Personal Protection Equipment:	X
<b>NFPA Rating</b>	
Health Hazard:	2



400 Paterson Plank Road / Carlstadt, NJ 07072  
Phone: (201) 933-0600 / Fax: (201) 933-8442  
[www.advpolymer.com](http://www.advpolymer.com)

Fire Hazard: 0  
Reactivity Hazard: 0

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