

Advabond 7485

Section 1. Product and Company Identification

Product Name:	Advabond 7485
Chemical Name/Family:	Amino modified polyolefin
CAS No.:	Proprietary
Product Use:	Coupling Agent
Restrictions:	For Industrial Use Only
Company:	Advanced Polymer.
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:

Hazard Class	Category
Acute toxicity, oral	Category 4
Serious eye damage/eye irritation	Category 1
Acute toxicity, inhalation	Category 4
Sensitization, skin	Category 1B
Hazardous to the aquatic environment, acute toxicity	Category 2
Hazardous to the aquatic environment, chronic hazard	Category 2

GHS Label:



Symbol:

Signal Word: **Danger**

Hazard Classification:

Hazard Statement:

- Harmful if inhaled
- Harmful if swallowed
- Causes serious eye damage
- May cause an allergic skin reaction
- Toxic to aquatic life
- Toxic to aquatic life with long lasting effect

Precautionary Statement:

Prevention

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hands and contaminated skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.

Response

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- 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.
- Immediately call a POISON CENTER or doctor/physician.
- 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.
- Collect spillage.

Storage

No storage statement required under GHS however refer to Section 7 for current storage conditions.

Disposal

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

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Amino Modified Polyolefin	Proprietary	100%

Section 4. First Aid Measures

- Skin Contact:** Wash off with soap and plenty of water. Consult a physician. Wash contaminated clothing before reuse.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- Inhalation:** Immediately remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Please note: Symptoms may be delayed; prompt medical attention may be required. Call a physician.
- Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse

mouth with water. Consult a physician.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire:	Burning can produce nitrogen oxides, a corrosive gas and harmful vapours.
Fire Extinguishing Media:	Use alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media:	No information available.
Special Protective Equipment and Precaution for Firefighters:	Evacuate personnel to a safe area. Wear self-contained breathing apparatus and full protective equipment. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage.
Unusual Fire & Explosion Hazards:	No unusual fire or explosion hazards.

Section 6. Accidental Release Measures

Personal Precautions:	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking.
Protective Equipment:	Wear appropriate protective equipment.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Shut off all sources of ignition.
Methods and Materials for Containment and Cleaning up:	Contain the spill or leak. Scrape up with rag and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

Section 7. Handling and Storage

Handling Conditions:	Avoid contact with eyes, skin and clothing. Avoid inhalation of vapor or mist. Wear suitable gloves and eye/face protection. Keep away from sources of ignition. Avoid contact with water or moisture. ***Agitate contents of container before using***
Storage Conditions:	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks and flame. Do not lay the container on its side. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not puncture or cut this container, and do not weld on or near this container. Keep out of reach of children. Protect from temperature above 40°C.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	Methanol (Impurity) (CAS# 67-56-1): OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) PEL 260 mg/m ³ ; 200 ppm ACGIH Threshold Limit Values STEL 250 ppm TWA 200 ppm NIOSH: Pocket Guide to Chemical Hazards STEL 325 mg/m ³ ; 250 ppm TWA 260 mg/m ³ ; 200 ppm
Appropriate engineering controls:	Local Exhaust: Recommended Mechanical (general): Adequate ventilation system
Personal protective equipment:	

Respiratory Protection:	Wear respiratory protection in case of vapour release. Half mask with particle filter type P2 (EN140, 143). If airborne concentrations are above the applicable limits, use NIOSH approved respiratory protection.
Hand Protection:	Rubber or plastic gloves should be worn.
Eye Protection:	Face shield or protective goggles should be worn.
Skin and Body Protection:	Rubber apron.
Other Protective Equipment:	Eye wash equipment and safety shower should be available.
Hygiene Measures:	Avoid breathing vapor. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Colorless, transparent
Odor:	Amine odor
Odor Threshold:	No information available
% Non-volatile by Weight:	No information available
pH:	No information available
Specific Gravity (77°F):	1.05
% Volatile by Weight:	No information available
Melting Point:	No information available
Freezing Point:	No information available
Boiling point:	No information available
Flash Point:	No information available
Evaporation Rate (BuAc=1):	<1
Flammability:	No information available
Explosion Limits:	No information available
Vapor Pressure (25°C):	No information available
Vapor Density (Air=1):	No information available
Solubility:	No information available
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Viscosity:	No information available
Decomposition Temperature:	No information available

Section 10. Stability and Reactivity

Chemical Stability:	Stable;
Reactivity:	Slowly react with water, acids or bases.
Hazardous Polymerization:	May not occur
Conditions to Avoid:	Store in a well-ventilated place at temperatures below 120°F.
Incompatible Materials:	Will hydrolyze with water, but no hazard. Avoid contact with acids, bases and water.
Hazardous Decomposition Products:	Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product:

Carbon oxides and traces of incompletely burned carbon compounds.
Silicon dioxide. Nitrogen oxides.

Section 11. Toxicological Information

Primary Routes of Entry:

Eye:	Yes	Skin:	Yes	Inhalation:	Yes	Ingestion:	Yes
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Potential Health Effects:

Inhalation	Causes irritation in mucous membranes and upper respiratory tract.
Ingestion:	Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed.
Skin:	Causes skin irritation. May cause an allergic skin reaction
Eyes:	Causes serious eye damage.

Signs and Symptoms of Exposures:

Acute Toxicity:

Methanol (impurity) (CAS# 67-56-1):

LD50 (Dermal/Rabbit) 15800 mg/kg
 LC50 (Inhalation/Rat) 64000 ppm, 4 Hours; 87.5 mg/l, 6 Hours
 LD50 (Oral/Mouse) 7300 mg/kg
 LD50 (Oral/Rabbit) 14.4 g/kg
 LD50 (Oral/Rat) 5628 mg/kg

Chronic Toxicity:

Prolonged inhalation may be harmful.

Skin corrosion/irritation:

Skin-Rabbit : Moderately irritating

Serious eye damage/eye irritation:

Eye-Rabbit : 15mg Severe

Respiratory Sensitization:

No information available

Skin Sensitization:

Positive (Guinea pig)

Mutagenicity:

Negative (Ames Test, Chromosome analysis, Micronucleus test)

Reproductive toxicity:

Developmental toxicity: NOAEL 500mg/kg/day (Rat), Maternal toxicity:
 NOAEL 500mg/kg/day (Rat)

Specific target organ toxicity - single exposure

May cause damage to the following organs.
 Optic nerves. Central nervous system. [Methanol]

Specific target organ toxicity - repeated exposure

No information available

Aspiration hazard

No information available

Carcinogenicity:

IARC:	No	NTP:	No	OSHA:	No
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Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial):	No information available
Bioaccumulative Potential	No information available
Mobility in Soil:	No information available
PBT and vPvB Assessment:	No information available
Other Adverse Effects:	Easily causes hydrolysis in water or atmosphere.

Section 13. Disposal Considerations

Product: Dispose of according to State, Local and EPA regulations. Can be burned in a

Disposing of Contaminated Packaging:

chemical incinerator equipped with an afterburner and scrubber.
Do not dispose if unopened. Do not disposed emptied container unless the contents have been completely removed and container has been flushed with a clean neutral solvent and then dried up. Do not dispose the emptied container unlawfully. Observe all federal state and local laws.

Section 14. Transport Information

Land Transport (DOT):

UN Number: Not Regulated
 UN Proper Shipping Name: Not applicable
 Technical Shipping Name: Not applicable
 Transport Hazard Class: Not applicable
 Packing Group: Not applicable

Sea Transport (IMDG/IMO):

UN Number: Not Regulated
 UN Number: Not applicable
 UN Proper Shipping Name: Not applicable
 Transport Hazard Class: Not applicable
 Packing Group: Not applicable

Air Transport (IATA):

UN Number: Not Regulated
 UN Number: Not applicable
 UN Proper Shipping Name: Not applicable
 Transport Hazard Class: Not applicable
 Packing Group: Not applicable

Environmental Hazards (e.g., Marine pollutant): No information available

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: Not applicable
 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: Methanol (Impurity) (CAS # 67-56-1)



New Jersey Right to Know Components:	Methanol (Impurity) (CAS # 67-56-1)
Pennsylvania Right to Know Components:	Methanol (Impurity) (CAS # 67-56-1)
California Proposition 65:	Methanol (Impurity) (CAS # 67-56-1)

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:

Health Hazard 2

Flammability: 1

Physical Hazard: 1

Personal Protection Equipment: X

NFPA Rating

Health Hazard: 2

Fire Hazard: 1

Reactivity Hazard: 0

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