

AdvaBond® 7481

Section 1. Product and Company Identification

Product Name:	AdvaBond® 7481
Chemical Name/Family:	Modified Polyolefin
CAS No.:	Proprietary
Product Use:	Adhesion Promoter
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:

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

GHS Label:



Symbol:

Signal Word: **Warning**

Hazard Classification:

Hazard Statement:

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

Precautionary Statement:

Prevention

Wash hands and contaminated parts of body thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid release to the environment.

Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Specific treatment (see supplemental first aid instructions on this SDS).
Wash contaminated clothing before reuse.
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

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.

Other Hazards:

May cause skin and respiratory tract irritation. Ingestion may cause gastric disturbances.

Section 3. Composition/Information on Ingredients

Ingredients	CAS No.	Percent
Modified polyolefin	Proprietary	50

Section 4. First Aid Measures

Skin Contact: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
If skin irritation 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: Immediately rinse mouth and then drink plenty of water. Seek medical attention. Never induce vomiting or give anything by mouth if victim is unconscious or having convulsions.

Section 5. Firefighting Measures

Specific Hazards in Case of Fire: Harmful vapors. Evolution of fumes/fog. The substances mentioned can be released in case of fire.

Fire Extinguishing Media:	Material can be extinguished with dry powder, foam, water spray.
Unsuitable Extinguishing Media:	Not applicable
Special Protective Equipment and Precaution for Firefighters:	Use self-contained breathing apparatus and protective clothing. Remove container from fire area if possible.
Unusual Fire & Explosion Hazards:	None known.

Section 6. Accidental Release Measures

Personal Precautions:	High risk of slipping due to leakage/spillage of product. Ensure adequate ventilation. To keep out non-participants. Avoid breathing dust/fume/gas/mist/vapours/spray.
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, sawdust, general-purpose binder) 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.

Section 7. Handling and Storage

Handling Conditions:	Provide appropriate local exhaust or ventilation at working area. Use personal protective equipment (e.g. safety glasses, gas respirators, protective gloves). Wash hands thoroughly after handling. Avoid release to the environment. Avoid breathing dust/fume/gas/mist/vapours/spray. ***Agitate thoroughly before use***
Storage Conditions:	Store in a well-ventilated place. Keep container tightly closed. Keep away from incompatible materials. ***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:	There are no exposure limits established for the components in this mixture.
Appropriate engineering controls:	Provide local exhaust ventilation to control vapours/mists.
Personal protective equipment:	
Respiratory Protection:	Wear a NIOSH-approved air purifying respirator.
Hand Protection:	Chemical resistant protective 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 hands thoroughly after use.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Translucent white to yellowish
Odor:	Specific

Odor Threshold:	No information available
% Non-volatile by Weight:	50
pH:	~11.5
Specific Gravity (77°F):	~1.10
% Volatile by Weight:	50
Melting Point:	No information available
Freezing Point:	No information available
Boiling point:	~212°F (100°C)
Flash Point:	>200°C
Evaporation Rate (BuAc=1):	No information available
Flammability:	No information available
Explosion Limits:	No information available
Vapor Pressure (mmHg):	No information available
Vapor Density (Air=1):	No information available
Solubility:	Disperse easily in water
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Viscosity (20°C):	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:	None known.
Incompatible Materials:	Strong acids, strong bases and strong oxidizing agents and reactive chemicals.
Hazardous Decomposition Products:	None known.

Section 11. Toxicological Information

Primary Routes of Entry:

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

Inhalation	No data available
Ingestion:	Harmful if swallowed. . Ingestion may cause gastric disturbances.
Skin:	May cause skin irritation.
Eyes:	Causes serious eye irritation.
Acute Toxicity:	No data available
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)	May cause respiratory tract irritation

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:	No information available

Section 13. Disposal Considerations

Product:	Dispose of contents/container in accordance with local/regional/national/international regulations.
Disposing of Contaminated Packaging:	Contact a licensed professional waste disposal service to this material.

Section 14. Transport Information
Land Transport (DOT):

UN Number:	UN3082
UN Proper Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S. (contains modified polyolefin)
Transport Hazard Class:	9
Packing Group:	III

Sea Transport (IMDG):

UN Number:	UN3082
UN Proper Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S. (contains modified polyolefin)
Transport Hazard Class:	9
Packing Group:	III

Air Transport (IATA):

UN Number:	UN3082
UN Proper Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S. (contains modified polyolefin)
Transport Hazard Class:	9
Packing Group:	III

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: 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: 1

Physical Hazard: 1

Personal Protection Equipment: X

NFPA Rating

Health Hazard: 2

Fire Hazard: 1

Reactivity Hazard: 0

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