

AdvaPel® 724

Section 1. Product and Company Identification

Product Name: **AdvaPel® 724**
Chemical Name/Family: Fluorinated Polymer
CAS No.: Mixture
Product Use: Stain and Soil Repellent
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:

Physical Hazards	Not Classified
Health Hazards	Not Classified
Environmental Hazards	Not Classified

GHS Label:

Symbol: None

Signal Word: None

Hazard Classification:

Hazard Statement: None

Precautionary Statement: None

Potential Health Effects:

Inhalation of vapor or mist may cause headache, nausea and irritation of the nose, throat and lungs. Inhalation of decomposition products in high concentration may cause shortness of breath (lung edema). May cause eye irritation. May cause tearing, redness or discomfort. May cause skin irritation.

Section 3. Hazardous Composition/Information on Ingredients

Ingredients	CAS No.	Percent

Section 4. First Aid Measures

Skin Contact:	Wash affected areas with plenty of water and soap for several minutes. Call a physician if irritation develops.
Eye Contact:	First rinse eyes with water. Remove any contact lenses, and continue washing with running water for at least 15 minutes. Call a physician if irritation develops.
Inhalation:	If inhaled, remove the affected individual immediately to fresh air. Call a physician if respiratory irritation develops or if breathing becomes difficult.
Ingestion:	If swallowed seek medical attention immediately and show the doctor packing or label. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to an unconscious or convulsing person.

Section 5. Firefighting Measures

Fire and Explosion Hazard:	The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, carbon dioxide, carbon monoxide and other hazardous decomposition products may be formed.
Fire Extinguishing Media:	Use alcohol-resistant foam, dry chemical, carbon dioxide, or water in large amounts for surrounding fire.
Unsuitable Extinguishing Media:	None
Thermal Decomposition:	To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors.
Special Fire Fighting Information:	Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from fire-fighting to enter drains or water courses.

Section 6. Accidental Release Measures

Personal Precautions:	Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Material can create slippery conditions.
Protective Equipment:	Wear personal protective equipment. Ventilate area.
Environmental Precautions:	Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration.
Methods and Materials for Containment and Cleaning up:	Soak up with sawdust, sand, oil dry or other absorbent material. Pick up and transfer to properly labelled containers.

Section 7. Handling and Storage

Handling Conditions:	Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Wash hands thoroughly after handling. Do not spray near open flame or heated surface. Agitate thoroughly before use.
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AdvaPel® 724 is SUITABLE FOR USE IN PRODUCTS INTENDED FOR INDUSTRIAL, AFTERMARKET OR CONSUMER APPLICATION.

PRECAUTIONS FOR SPRAY APPLICATION:

These products should be used only by trained personnel. **Do not under any circumstances aerosolize these products.**

These products should only be dispensed by airless sprayers less than 50 psi with a particle size production of greater than 15 microns or a coarse spray device such as a trigger sprayer. Avoid breathing vapor or spray mist. Never use a paint sprayer to apply these products. Power paint sprayers generate very high pressures, aerosolize

the product and create significant combustion hazards.

A respirator must be used when spraying these products and the products should only be used in areas with proper ventilation. Avoid contact with eyes or skin. Glasses or goggles, gloves and other protective clothing should always be worn when the product is used. Avoid contamination of tobacco products. Wash hands thoroughly before smoking.

Use the proper equipment. This includes:

- Exhaust fan
- Low pressure airless sprayer (less than 50 psi)
- Respirator with organic vapor cartridge
- Glasses or goggles, gloves and protective clothing

Before you start spraying:

- Set up cross ventilation, open doors and windows, place a fan blowing out of a window or door to increase exhaust
- Remove all people and animals from the exposure area
- All personnel in the exposure area wear a proper fitting respirator with organic vapor cartridge
- Turn off air conditioning or heating units and remove all ignition sources
- Use low pressure airless sprayer (less than 50 psi)

When spraying solvent-based systems, solvent will continue to evaporate after the product has been applied, so you must do the following until the solvent vapor concentration is below 300 ppm (about 60 minutes):

- Continue cross ventilation
- Keep people and animals out of the spray area
- Continue to wear respirators in the spray area
- Do not expose the treated fabric to open flame or other ignition sources (such as, matches, or cigarette lighters)

After the product dries, only the soil and stain repellent is left behind on the treated substrate. It is safe, non-hazardous and hypoallergenic. The treated substrate will be dry to the touch after 30-60 minutes and is completely dried and ready for use within 24 hours.

Storage Conditions: Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from heat, and sunlight. Protect from freezing.

Section 8. Exposure Control/Personal Protection

Exposure Limits:	None established.
Appropriate engineering controls:	Local ventilation must be used during application. Use suitable ventilation to remove mists or vapors during spray or other applications.
Personal protective equipment:	
Respiratory Protection:	Wear respirator where vaporizing occurs.
Hand Protection:	Wear protective gloves.
Eye Protection:	Wear safety glasses with side shields or goggles.
Skin and Body Protection:	Rubber apron, boots or coveralls as necessary to prevent skin contact.
Hygiene Measures:	An eyewash and safety shower should be nearby and ready for use.

Section 9. Physical and Chemical Properties

Physical State:	Liquid
Color:	Off white to light yellow
Odor:	Specific odor
Odor Threshold:	N.D.
pH:	~8.0

Specific Gravity (77°F):	1.05
% Volatile by Weight:	N.D.
Melting Point:	N.D.
Freezing Point:	N.D.
Boiling point:	>100°C (>212°F)
Flash Point:	Boils before flash
Evaporation Rate (BuAc=1):	N.D.
Flammability:	N.D.
Explosion Limits:	(lower) N/D, (upper) N/D
Vapor Pressure (mmHg):	N.D.
Vapor Density (Air=1):	N.D.
Solubility:	Dilutable
Viscosity:	N.D.
Thermal Decomposition Temperature:	>200°C (392°F)

Section 10. Stability and Reactivity

Chemical Stability:	Stable under normal temperature and pressure.
Hazardous Polymerization:	None
Conditions to Avoid:	Do not overheat to prevent from thermal decomposition.
Incompatible Materials:	Oxidizers, alkalis.
Hazardous Decomposition Products:	In case of fire situation, hydrogen fluoride, carbon monoxide, carbon dioxide and other hazardous decomposition products may be formed.

Section 11. Toxicological Information

Acute Toxicity:	
Acute Oral	No data available
Acute Dermal	No data available
Acute Oral	No data available
Chronic Toxicity:	No information available
Respiratory or Skin Sensitization:	Did not cause sensitization.
Mutagenicity:	Did not cause genetic damage.
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: As in accordance with EPA, state and local regulations. Do not dump this product into sewers, on the ground or into any body of water.

Disposing of Contaminated Packaging: Treat as unused product as above.

Section 14. Transport Information

AdvaPel® 724 is classified as non-hazardous and not regulated for transportation by DOT.

Section 15. Regulatory Information

TSCA Inventories:
This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR). This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D.

Federal Regulations:

SARA 313:	Isopropanol: CAS: 67-63-0
SARA 311/312:	Not applicable
Clean Water Act:	No information available
Clean Air Act, Section 112 HAPs (See 40CFR61):	No information available

State Regulations: None

Section 16. Other Information

WHMIS Classification:	No information available
HMIS Rating:	
Health Hazard	1
Flammability:	0
Physical Hazard:	0
Personal Protection Equipment:	X

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