

SAFETY DATA SHEET

Product Name: RainguardPro® Fluoropoly HD
Product Codes(2 Part Kit):

SECTION 1: Identification

MANUFACTURER: Rainguard Brands, LLC
RainguardPro
2736 West McDowell Road
Phoenix, AZ 85009
United States of America

RAINGUARD PHONE: (949) 515-8800

POISON CENTER: (800) 222-1222

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WEBSITE: rainguardpro.com

REVISION DATE: 12/16/2021

SECTION 2: Hazards Identification

OSHA/HCS Status: This material is considered non-hazardous by the OSHA Hazard Communication (29 CFR 1910.1200)

GHS label elements : No pictogram required

Signal Words: None required

Hazard statements: None required

PRECAUTIONARY STATEMENTS

General: Read label before use. Keep out of reach of children. If medical advice is needed, Have product container or label on hand.

Prevention: Wear protective gloves. Wear eye or face protection.

Storage Disposal: Store in a well-ventilated place. Keep cool.

Hazards not otherwise classified:

Mild irritation of contaminated tissue and the potential for accidental ingestion

EYES

The liquid is severely irritating to the eyes. High vapor concentrations are also irritating.



SKIN

The liquid is moderately irritating to the skin. Prolonged or repeated contact can result in drying of the skin which may result in skin irritation and dermatitis (rash). The liquid may be absorbed through the skin.



INGESTION

Ingestion may cause headache, dizziness, fatigue, and central nervous system depression along with gastrointestinal disturbances.

INHALATION

Vapors may be an irritation to the nose, throat, and respiratory tract. Exposure to high vapor concentrations may cause central nervous system (CNS) depression. Aspiration of liquid may cause pneumonitis, pulmonary, edema, and hemorrhage.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY:

Irritation as noted above. Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur.

MEDICAL CONDITIONS AGGRAVATED:

Pre-existing eye and skin disorders may be aggravated.

Flammability Hazards:

This product is not flammable. If this product is involved in a fire, the decomposition products generated will include irritating vapors and gases and some carbon monoxide.

Reactivity Hazards:

This product is not reactive.

Environmental Hazards:

Although the release of this product to the environment is not expected to cause a significant adverse effect, all releases should be avoided.

Emergency Considerations:

Emergency responders should wear appropriate protection for the situation to which they respond.

SECTION 3: Composition

HAZARDOUS COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE HARM.

OTHER INGREDIENTS	CAS #	% BY MASS	HAZARDOUS
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SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

EYE EXPOSURE:

Remove contacts if present; Immediately flush the eyes with water for at least 10-15 minutes; Seek medical attention if irritation persists

SKIN EXPOSURE:

Wash exposed areas with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

INHALATION:

Move victim to fresh air. If the victim has difficulty breathing, administer oxygen. If breathing has stopped, initiate CPR. Seek immediate medical attention.

INGESTION:

Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If conscious, induce vomiting. If unconscious and vomiting, turn the victim on their side to avoid choking.

CARCINOGENICITY:

NTP: No
IARC Monographs: No
OSHA Regulated: No

SECTION 5: Fire Fighting Measures**FLASH POINT:**

None

METHOD

N/A

LOWER EXPLOSION LIMIT:

Not available

UPPER EXPLOSION LIMIT:

Not available

AUTOIGNITION TEMPERATURE:

Not available

EXTINGUISHING MEDIA:

CO₂, dry chemical or water fog.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide and carbon dioxide can form.
Smoke, fumes.

**PROTECTIVE EQUIPMENT FOR
FIREFIGHTERS:**

Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). If water is used, fog nozzles are preferable. Use water to cool closed containers.

FIRE AND EXPLOSION CONDITIONS:

This product not expected to ignite under normal conditions of use.

SECTION 6: Accidental Release Measures

Remove and eliminate all ignition sources. Control the source of the spill. Ventilate confined spaces. Avoid breathing vapors or mist. Dike and soak up spill with absorbent material such as sand or Fuller's Earth. Recover free liquid and absorbent material from spill area and shovel or broom into appropriate chemical waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. Keep out of storm drains, sewers and waterways. Observe all local, state and federal laws and regulations regarding spills, clean-up, removal, discharge and disposal.

SECTION 7: Handling and Storage

Keep containers tightly closed when not in use. Do not store or handle near a heat source, sparks, open flame or strong oxidizing materials. Use and store only in cool and well-ventilated areas. Care should be taken to prevent moisture condensation in the container. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

SECTION 8: Exposure Controls and Personal Protection

The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, specific safe handling procedures should be developed by a person knowledgeable of the intended use, working conditions, and equipment.

RESPIRATORY PROTECTION:	Use in a well ventilated and/or open area. Use appropriate NOISH approved organic vapor cartridge respirator equipment when occupational exposure limits are exceeded.
VENTILATION:	Local exhaust and or mechanical ventilation in confined or poorly ventilated spaces are recommended.
PROTECTIVE GLOVES:	Wear Neoprene or non-soluble plastic gloves.
EYE PROTECTION:	Use Approved splash goggles.
PROTECTIVE CLOTHING:	Wear long-sleeve clothing selected for condition exposure potential.
INDUSTRIAL HYGIENE:	Before eating or smoking, wash hands and face to remove residual contamination.

SECTION 9: Physical and Chemical Properties

BOILING POINT:	212° F
VAPOR DENSITY (AIR =1):	No data available
FLAMMABILITY/EXPLOSIVE LIMITS:	No data available
pH:	7 - 8 (Determined in a 10% aqueous solution)
MATERIAL V.O.C.:	>100 g/L
SPECIFIC GRAVITY (H2O = 1):	Approximately 1.19 @25 °C (77 °F)
EVAPORATION RATE (ETHER = 1):	No data available
VISCOSITY:	65 KU

MELTING/FREEZING POINT (°C):	0 °C (32 °F) similar to water
SOLUBILITY IN WATER:	Miscible in water
APPEARANCE & ODOR:	Amber liquid with mild odor
VAPOR PRESSURE (mm HG):	No data available

SECTION 10: Stability and Reactivity

SUBSTANCES TO AVOID:	Do not mix with other chemicals.
CHEMICAL STABILITY:	Stable under recommended storage conditions. DO NOT FREEZE OR EXPOSE TO EXTREME HEAT.
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization does not occur.
HAZARDOUS DECOMPOSITION OR THERMAL BYPRODUCTS:	Carbon dioxide and carbon monoxide.

SECTION 11: Toxicological Information

Oral LD50	-> 5,000 mg/kg (Calculation method)
Inhalation LD50	No data available
Dermal LD50:	No data available
Other information on acute toxicity:	No data available
SKIN CORROSION/IRRITATION:	No data available
SERIOUS EYE DAMAGE/IRRITATION:	No data available
RESPIRATORY OR SKIN SENSITIZATION:	No data available
GERM CELL MUTAGENICITY:	No data available
CARCINOGENICITY	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

REPRODUCTIVE TOXICITY: No data available

TERATOGENICITY: No data available

SPECIFIC TARGET ORGAN TOXICITY: No data available

ASPIRATION HAZARD: No data available

POTENTIAL HEALTH EFFECTS

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed.
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Skin: May be harmful if absorbed through the skin. May cause skin irritation.

Eyes: May cause eye irritation.

SIGNS AND SYMPTOMS OF EXPOSURE: May cause argyria (a slate-grey or bluish discoloration of the skin and deep tissues to the deposit of insoluble albuminate of silver. Exposure to silver compounds can cause contact dermatitis. The toxicological properties have not been thoroughly investigated. The data supplied are for closely related compounds. No data available.

SYNERGISTIC EFFECTS: No data available

ADDITIONAL INFORMATION: RTECS not available

SECTION 12: Ecological Information

AQUATIC/TERRESTRIAL ORGANISM

Harmful to aquatic life **TOXICITY:**

SECTION 13: Disposal Considerations

DISPOSAL: Do not allow material to contaminate or cause to be discharged into any storm drain, lake, stream, pond, underground water supplies or any body of water. Incinerate and or bury waste and containers at an approved facility. Dispose of waste materials and containers in accordance with all federal, state and local health, safety and environmental regulations.

SECTION 14: Transportation Information

DOT (US):	Not regulated
CANADA (TDG):	Not regulated
DOT PROPER SHIPPING NAME:	N/A
UN / NA Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A

SECTION 15: Regulatory Information

NORTH AMERICAN INVENTORIES: All components listed or exempt from the TSCA inventory. This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

CANADIAN REGULATIONS

WHMIS Classification: D2A
This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

OTHER REGULATIONS:Regulatory VOC (less water and exempt solvent)
0 g/L**CA PROP 65 COMPONENTS:** This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.**SECTION 16: Other Information****HMIS RATING:**HEALTH 1
FLAMMABILITY 0
REACTIVITY 0
PPE A**KEY:**0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe**LEGEND:**

ACGIG - American Conference of Governmental Hygienists	IARC - International Agency for Research on Cancer
OSHA - Occupational Safety and Health Administration	TSCA - Toxic Substances Control Act
DOT - Department of Transportation	MSHA - Mine Safety Health Administration
PEL - Permissible Exposure Limit	TWA - Time Weighted Average
DSL - Domestic Substance List	NDSL - Non-Domestic Substance List
RCRA - Resource Conservation and Recovery Act	V - Volume
EPA - Environmental Protection Agency	NIOSH - National Institute for Occupational Safety Health
STEL - Short Term Exposure Limit	VOC - Volatile Organic Compound
HMIS - Hazardous Materials Information System	NTP - National Toxicology Program
TLV - Threshold Limit Value	WHMIS - Workplace Hazardous Materials Information System

DISCLAIMER: The information contained in the document relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such

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