SAFETY DATA SHEET

Product Name:	RainguardPro® Polyurethane HD IsoFree™ Aliphatic Part A
Product Codes(2 Part Kit):	PU-0401, PU-0402, PU-0403, PU-2401, PU-2402, PU-2403, PU-1401, PU-1402, PU-1403, PU-0404, PU-0405, PU-0406, PU-0414, PU-0415, PU-0416, PU-1404, PU-1405, PU-1406, PU-0407, PU-0408, PU-0409
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) 562-8236
EMAIL:	support@rainguardpro.com
WEBSITE:	rainguardpro.com
REVISION DATE:	06/15/2021
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 May cause eye irritation; Prolonged exposure may

cause eye damage

SKIN May be harmful if absorbed through skin; May

cause skin irritation

INGESTION May be harmful if ingested

INHALATION May be harmful if inhaled; May cause respiratory

tract irritation

ACUTE HEALTH EFFECTS: May be irritating to skin, eyes and digestive tract

CHRONIC HEALTH EFFECTS: Repeated and prolonged exposures have not

been studied

AGGRAVATION of PRE-EXISTING

CONDITIONS:

Persons with preexisting conditions may be more

susceptible.

SECTION 3: Composition

CHEMICAL FAMILY:

Aqueous Poly-Acrylic Polyester Diol Dispersion

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
2-Propenoic acid, butyl ester, polymer with ethenyl acetate	25067-01-0	30	No

5-Chloro 2 methylisothiazolone wirth 2 methyl-3(2H)-Isothiazol one	55965-84-9	30	No
Trimethylolpropane tris(2-methyl-1-aziridine propionate	64265-57-2	5	No
Polyurethane	52136-47-7	17	No
Polyurethane	54682-75-6	13	No
Propylene Glycol Methyl Ether	107-98-2	3	No
Ethylene Glycol Butyl Ether	111-76-2	3	No
Water	7732-18-5	9	No

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine salt is considered unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating.

SECTION 4: First Aid Measures

Get immediate medical attention for any significant overexposure.

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

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

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 in 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.

CONTROL PARAMETERS: EXPOSURE LIMITS:

Triethanolamine (102-71-6)
US. ACGIH Threshold
Limit Values

Time Weighted Average (TWA): 5 mg/m3
US. ACGIH Threshold

Limit Values Time Weighted Average (TWA): 5 mg/m3

Any component which is listed in section 3 and is not listed in this section does not have a known ACGIH TLV, OSHA PEL or supplier recommended occupational exposure limit.

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)

BULK DENSITY: Approximately 1,066 kg/m3

SPECIFIC GRAVITY (H20 = 1): Approximately 1.19 @25 °C (77 °F)

EVAPORATION RATE (ETHER = 1): No data available

VAPOR PRESSURE: No data available

MELTING/FREEZING POINT (°C): 0 °C (32 °F) similar to water

SOLUBILITY IN WATER: Miscible in water

APPEARANCE & ODOR: Milky White with mild odor

VAPOR PRESSURE (mm HG): No data available

MATERIAL V.O.C.: 0 g/L

SECTION 10: Stability and Reactivity

REACTIVITY: No data available.

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 Carbon dioxide and carbon monoxide.

BYPRODUCTS:

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.	
Skin:	May be harmful if absorbed through 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		
No data available		
SECTION 13: Disposal Considerations		
DISPOSAL: Do not allow material to contaminate o stream, pond, underground water supplies or any be containers at an approved facility. Dispose of waste federal, state and local health, safety and environments	ody of water. Incinerate and or bury waste and materials and containers in accordance with all	
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.

TSCA 8(b) inventory: Triethanolamine, CAS# 102-71-6.

TSCA 12(b) export: No substances are subject to TSCA 12(b) export

notification requirements

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: Warning! This product contains chemical(s) known to the State of California to be carcinogenic.

INGREDIENTS CAS # % by Mass

Diethanolamine 11142-2 ≥ 1%

MA, PA, or NJ RIGHT TO KNOW COMPONENTS:

INGREDIENTS	CAS#	% by Mass
Polyacrylate Resin	Trade secret	≥ 1%
Water	7732-18-5	≥ 1%
Reactive diluent	Trade secret	≥ 1%

Triethanolamine	102-71-6	1 – 5%
Propylene Glycol n- Butyl Ether	5131-66-8	1 – 5%
Polyester Diol	Trade secret	1 – 5%
Polyacrylate Resin	Trade secret	≥ 1%

CFATS (Chemical Facility Anti-Terrorism Standards) Chemicals

To the best of our knowledge, this product does not contain Appendix A Chemicals of Interest (COI), at or above the Screening Threshold Quantity (STQ), as defined by the Department of Homeland Security Chemical Facility Anti-Terrorism Standard (CFATS, 6 CFR Pan 27).

SECTION 16: Other Information

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 information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for their own particular use. Rainguard Brands, LLC and RainguardPro do not accept liability for any loss or damage that may occur from the use or reliance upon this information.