

SAFETY DATA SHEET

Product Name: RainguardPro's Shellac
Product Codes: PL-1001, PL-1005, PL-1002PK, PL-1032, PL-1032PK

SECTION 1: Identification

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REVISION DATE: 03/25/24

SECTION 2: Hazards Identification

OSHA/HCS Status: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
H317: May cause an allergic skin reaction.
H332: Harmful if inhaled.

GHS label elements :



Signal Words: Warning

Hazard statements:

Causes eye and skin irritation

PRECAUTIONARY STATEMENTS

P103:

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

P261:

Avoid breathing dust/fume/gas/mist/vapors/spray.

P264:

Wash hands thoroughly after handling.

P273:

Avoid release to the environment.

P281:

Wear protective equipment as required – respirator/safety glasses/gloves.

P285:

In case of inadequate ventilation, wear respiratory protection that meets the requirements in OSHA's Respiratory Protection Standard (29 CFR 1910.134) or regional standards.

Response:

P302+P350::

IF ON SKIN (or hair), Gently wash with plenty of water and soap.

P301 + P310:

IF SWALLOWED, immediately call a POISON CENTER or doctor/physician.

P305+P351+P338:

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

DISPOSAL:

P501:

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal

Hazard(s) not otherwise classified (HNOC):

None Known

Other Information:

No information available

SECTION 3: Composition

HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS #	%	COMMENTS
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SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

PRIMARY ROUTES OF EXPOSURE:	Ingestion, inhalation, dermal contact
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 the affected area with soap and water; Remove contaminated clothes if necessary.
INHALATION:	Move the victim to fresh air. If the victim has difficulty breathing, administer oxygen.
INGESTION:	DO NOT induce vomiting. Rinse mouth with water. Never give an unconscious person anything to drink. If conscious, treat for shock. Seek immediate medical assistance or the nearest poison control center. If unconscious and vomiting, turn the victim on their side to avoid choking.

4.2 Most important symptoms and effects, both acute and delayed:

None known.

4.3 Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Dry chemical, carbon dioxide, alcohol-resistant foam. Use water spray to keep fire-exposed

containers cool. Unsuitable Extinguishing Media:
High volume water jet.

5.2 Special Hazards Arising from the Substance or Mixture:

Closed containers may rupture if exposed to fire or extreme heat.

5.3 Advice for Firefighters:

Firefighters should wear NFPA approved self-contained breathing apparatus and full protective clothing. Avoid contact with product. Decontaminate equipment and protective clothing prior to reuse. Toxic and irritating gasses/fumes, including heated diisocyanate that is considered extremely dangerous, may be given off during burning or thermal decomposition.

5.4 Further Information:

No data available

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop the leak if you can do it without risk and avoid run off to waterways or storm drains.

6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform authorities if the product has caused environmental pollution (sewers, drains, waterways or soil).

6.3 Methods and Materials for Containment and Cleaning up:

Cleanup personnel must use appropriate personal protective equipment. Evacuate and keep unnecessary personnel out of the spill area. Remove all sources of ignition, including flames, heat, and sparks. Stop leak if without risk. Move containers from the spill area. Dike or dam spilled material with noncombustible, absorbent material (e.g., sand, earth, vermiculite or diatomaceous earth) and control further spillage, where possible. Make certain the absorbent material soaks up all liquids. Collect and place spilled material in container (e.g., 55-gal salvage drum) for proper disposal according to appropriate local, state and federal regulations. Repeat application of absorbent

material until all liquid has been removed from the surface. Do not fill the salvage container more than two-thirds full to allow for any expansion, and do not tighten the lid on the container. Store salvage container (make certain the lid is loose to allow release of carbon dioxide) in a well ventilated, isolated, and cool area for at least 72 hours. Properly dispose of the waste material and any contaminated equipment in accordance with existing federal, state and local regulations. Decontaminate the spill surface area with a neutralization solution. A neutralization solution can be prepared with a combination of two solutions mixed 1:1 by volume: (Solution 1): Mineral Spirits (80%), VVM&P Naptha (15%) and Household Detergent (5%); (Solution 2): Monoethanolamine (50%) and water (50%). Other neutralization solutions include: ZEP® Commercial Heavy-Duty Floor Stripper, EASY OFF® Grill and Oven Cleaner, a solution of Simple Green® Pro HD Heavy-Duty Cleaner (50%) and Household Ammonia (50%), and a solution of Fantastic® Heavy Duty All Purpose Cleaner (90%) and Household Ammonia (10%). Check for residual contamination using Swype® test kits from Colorimetric Laboratories, Inc. (Telephone 847-803-3737) and follow directions provided by the test kits. Repeat decontamination as necessary. Do not allow spilled material or wash water to enter sewers, surface waters or groundwater systems.

6.4 Reference to Other Sections:

For disposal see section 13.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling:

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Keep container tightly closed. Keep out of the reach of children. Keep from freezing.

7.3 Regulatory Requirements:

No data found.

SECTION 8: Exposure Controls and Personal Protection

SPECIAL NOTE FOR EXPOSURE CONTROL: Consult local authorities for further acceptable exposure limits.

Components	CAS-No	WT %	AGCIH		OSHA Exposure Limits			Vapor Pressure mm Hg @TEMP
			LV/TWA PPM	TWA PPM	TWA MG/M3	STEL PPM	STEL MG/M3	
Titanium Dioxide	13463-67-7	12.31	10	-	10	-	-	-
Talc	14807-96-6	8.66	-	-	2	-	-	-
Quartz (SiO ₂)	14808-60-7	0.17	-	-	10	-	-	-

ENGINEERING CONTROLS: Engineering Measures/Controls: General dilution and local exhaust as necessary to control airborne vapors, mists, dusts, and thermal decomposition products below appropriate airborne concentration standards and guidelines. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Curing ovens must be ventilated to prevent the build-up of explosive atmospheres and to prevent off-gasses from entering the workplace.

VENTILATION CONTROLS: Provide adequate ventilation to control airborne concentration below the exposure guidelines/limits.

ADMINISTRATIVE CONTROLS: Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

PERSONAL PROTECTION: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard assessment of all workplaces to determine the need for proper protective equipment for each employee.

EYE PROTECTION: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

SKIN AND BODY PROTECTION: Wear rubber or plastic apron and permeation resistant clothing, chemical-resistant gloves, and

long-sleeved shirts, and pants. Remove and wash contaminated clothing before re-use.

RESPIRATORY PROTECTION: In case of inadequate ventilation, wear respiratory protection.

HYGIENE MEASURES: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

APPEARANCE FORM:	Liquid, colorless to pale yellow
ODOR:	Minimal or no odor
pH:	No data available
VOC:	43 g/L
FREEZING POINT:	0° C (32°F)
INITIAL BOILING POINT:	100°C (212°F)
FLASH POINT:	215°C (419°F) ca
EVAPORATION RATE (ETHER = 1):	No data available
FLAMMABILITY (SOLID, GAS):	No data available
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available
VAPOR PRESSURE:	No data available
RELATIVE DENSITY:	No data available
WATER SOLUBILITY:	No data available
AUTO-IGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available

EXPLOSIVE PROPERTIES: No data available

OXIDIZING PROPERTIES: No data available

SECTION 10: Stability and Reactivity

10.1 REACTIVITY No data available

10.2 CHEMICAL STABILITY Stable under recommended storage conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: None under normal conditions of use.

10.4 CONDITIONS TO AVOID: Freezing..

10.5 INCOMPATIBLE MATERIALS: No materials to be especially mentioned

10.6 HAZARDOUS DECOMPOSITION PRODUCTS: None under normal conditions of use.

10.7 OTHER DECOMPOSITION PRODUCTS: No data available

10.8 OTHER INFORMATION: In the event of a fire see Section 5

SECTION 11: Toxicological Information

Data on the product is not available. Data on a similar product is provided.

Principal Routes of Exposure: Eye contact, skin contact, and inhalation.

Acute Toxicity: No information available.

Symptoms: No information available.

Eye Contact: May cause slight irritation.

Skin Contact: Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation.

Inhalation: No information available.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Sensitization: No information available.

Neurological Effects:	No information available.
Reproductive Effects:	No information available.
Developmental Effects:	No information available.
Target Organ Effects:	No information available.
STOT - Single Exposure:	No information available.
STOT - Repeated Exposure:	No information available.
Other Adverse Effects:	No information available.
Aspiration Hazard:	No information available.

Carcinogenicity:

The information below indicates whether each agency has listed any ingredient as a carcinogen

SECTION 12: Ecological Information

Hexamethylene-1,6-diisocyanate Homopolymer (CAS 28182-81-2)

AQUATIC/TERRESTRIAL ORGANISM TOXICITY:	Acute and Prolonged Toxicity to Fish: (Fathead Minnow, 96h)	LC50 1000 mg/l
ASPIRATION HAZARD:	No information available.	
PERSISTENCE AND DEGRADABILITY:	No information available.	
BIOACCUMULATIVE POTENTIAL:	No information available.	
MOBILITY IN SOIL:	No information available.	
OTHER ADVERSE EFFECTS:	An accumulation in aquatic organisms is not expected.	

SECTION 13: Disposal Considerations

DISPOSAL: Dispose of according to local, state and federal regulations. (Refer to Section 8). The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

CONTAMINATED PACKAGING: Dispose of any unused product.

SECTION 14: Transportation Information

DOT (UN #): Not regulated

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

IMO/IMDG:

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

IATA:

UN number: Not regulated

Proper shipping name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: Not regulated

Special Precautions for User: When in individual containers containing less than the Product RQ, this product ships as non-regulated

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory Information

DSL STATUS: All components of this product are on the

Canadian DSL list.

SARA HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES:

None.

SARA 302 COMPONENTS:

No chemicals in this material are subject the reporting requirements of SARA Section 302.

SARA 313 COMPONENTS:

No chemicals in this material are subject to the reporting requirements of SARA Section 313.

SARA 311/312 HAZARD CATEGORIES:

EPA EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (40 CFR 355, APPENDIX A) COMPONENTS:

None

EPA EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE (40 CFR 372.65) SUPPLIER NOTIFICATION REQUIRED COMPONENTS:

None

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) COMPOSITE LIST OF HAZARDOUS WASTES AND APPENDIX VIII HAZARDOUS CONSTITUENTS (40 CFR 261):

Under RCRA it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

Based on information provided by RainguardPro suppliers, this product is considered “DRC Conflict Free” as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716, File No. S7-40-10, Date 08-22-2012).

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.

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