


**SECTION 1 IDENTIFICATION**

**Product Name** PermaPrime SP  
**Product Identifier** Acrylic Primer for Single-Ply Membranes  
**Manufacturer** Performance Roof Systems  
**Address** 4821 Chelsea Avenue  
Kansas City, MO 64130  
**Phone Number** (800) 727-9872  
**Emergency Number** (800) 424-9300 (CHEMTREC)

**SECTION 2 HAZARDS**

**GHS Classification** Skin Sensitization: Category 1  
Carcinogenicity: Category 2

**Hazard Pictographs** 

**Signal Word** **WARNING**

**Hazard Statements** H317 - May cause an allergic skin reaction  
H351 - Suspected of causing cancer

**Precautionary Statements** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood  
P264 - Wash hands, forearms and face thoroughly after handling  
P233 - Keep container tightly closed;  
P261 - Avoid breathing vapors;  
P262 - Take off contaminated clothing and wash before reuse;  
P264 - Wash hands, forearms and face thoroughly after handling;  
P270 - Do not eat, drink or smoke when using this product;  
P271 - Use only outdoors or in a well-ventilated areas;  
P280 - Wear protective gloves/eye protection/face protection

**Response** P302+P352 - If on skin (or hair), Wash with soap and water  
P305+P351+P338 - If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P332+P313 - If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 - If eye irritation persists: Get medical advice/ attention.  
P370+P378 - In case of fire: Use carbon dioxide (CO<sub>2</sub>), foam, dry extinguishing powder to extinguish

**Storage** P401 - Store in a sealed container.  
P501 - Dispose of contents/container in accordance with local, state, and federal regulations.

**SECTION 3 COMPOSITION**

**Chemical Composition**

COMPONENT	CAS NUMBER	PERCENT BY WEIGHT
Acrylic polymers	Proprietary	30 -40
Residual monomers	Proprietary	1 - 5
Vinly Acetate	108-05-4	< 1

**Note:** The above components and their percentages are provided for health and safety purposes, ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product. Some product identifiers are withheld as a trade secret in accordance with 29 CFR 1910.1200.

**SECTION 4 FIRST AID MEASURES**

<b>Eyes</b>	Flush with large amounts of potable water. Eye lids should be held away the eyeball to ensure thorough rinsing. Get medical attention if irritation develops or persists.
<b>Skin</b>	Remove contaminated clothing and wash with soap and water. Get medical attention if irritation develops or persists.
<b>Inhalation</b>	Remove affected person from source of exposure. If not breathing, institute cardiopulmonary resuscitation (CPR). Consult a physician after significant exposure, or feeling unwell.
<b>Ingestion</b>	DO NOT induce vomiting unless directed to do so by a physician or poison control center. Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person.
<b>Symptoms, Acute &amp; Delayed Immediate Medical Attention</b>	<b>Refer to Section 11 - Toxicological Information</b> All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials

**SECTION 5 FIRE FIGHTING MEASURES**

<b>Fire Hazard</b>	Non-combustible
<b>Hazardous Combustion</b>	Carbon monoxide, carbon dioxide, acrylic monomers and other potentially toxic fumes
<b>Extinguishing Media</b>	Use dry chemical, CO2, water spray (FOG) or foam.
<b>Firefighting instruction</b>	Material can splatter at temperatures above 100°C/212°F. Dried product can burn.
<b>Explosion Hazard</b>	Closed containers may explode when exposed to extreme heat. Water may be used to cool to prevent pressure build-up.
<b>Protection Gear</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Non-emergency Personnel** *Wear protective clothing as described in Section 8.* Follow precautions for safe handling described in this safety data sheet.

**Environmental Precautions** Avoid release into the environment. Report releases as required by local, state and federal authorities.

**Methods and Material for Containment & Clean up** Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations, *see Section 13, Disposal Considerations.*

**SECTION 7 HANDLING AND STORAGE**

**Handling** Do not handle until all safety precautions have been read and understood. Avoid breathing dust, vapor, or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation/personal protection. Wash thoroughly after handling.

**Storage** Do not store in direct sunlight. Keep temperature of contents between 55 - 80°F. **PROTECT FROM FREEZING.** Approximate shelf life is 12 months from date of shipment when properly stored.

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Occupational Exposure Limits**

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	NIOSH REL
Vinyl acetate	108-05-4	30 mg/m <sup>3</sup> TWA 60 mg/m <sup>3</sup> STEL	35 mg/m <sup>3</sup> TWA 53 mg/m <sup>3</sup> STEL	15 mg/m <sup>3</sup> (ceiling; 15min)

**Engineering Measures/ Controls** Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

**General Industrial Hygiene** Use good industrial hygiene practices in handling this material.

**Environmental Exposure Controls** Follow best practice for site management and disposal of waste.

**PERSONAL PROTECTIVE EQUIPMENT**

**Pictographs**



**Eyes/Face** **Safety glasses with side shields**  
Follow the national guidelines concerning the use of protective eye wear.

**Hand** **Protective Gloves**  
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary

**Skin/Body** Normal work clothing (long sleeved shirts, long pants and smooth bottom work shoes) is recommended.

**Inhalation** Use NIOSH or MSHA approved respiratory protective equipment when airborne exposure limits are exceeded.

**ABBREVIATION KEY**

OSHA = Occupational Safety & Health Administration  
 NIOSH = National Institute for Occupational Safety  
 ACGIH = American Conference of Governmental Industrial Hygiene  
 REL = Recommended exposure limit  
 PEL = Permissible Exposure Level  
 TLV = Threshold Limit Value  
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear
<b>Odor</b>	Mild ammonia odor
<b>Odor Threshold</b>	Not available
<b>pH</b>	7.5 – 8.5
<b>Relative Evaporation Rate</b>	< 1.00 similar to water
<b>Boiling Point</b>	100 °C (212 °F) similar to water
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Non-combustible
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Vapor pressure</b>	17 mm Hg @ 20°C/68°F
<b>Vapor density</b>	< 1.00 similar to water
<b>Specific Gravity</b>	Not available
<b>Density</b>	8.8-9.0 lb/gal
<b>Solubility in Water</b>	Dilutable
<b>Dynamic Viscosity</b>	300 +/- 100 cP
<b>Kinematic Viscosity</b>	Not available
<b>VOC</b>	< 50 g/L

**SECTION 10 STABILITY AND REACTIVITY**

<b>Stability</b>	Stable at room temperature in closed containers under advised storage and handling conditions.
<b>Reactivity</b>	No potentially hazardous reactions known
<b>Conditions to Avoid</b>	Elevated temperatures. Contact with oxidizing agent. Keep from freezing
<b>Hazardous Decomposition</b>	Thermal decomposition or combustion may produce harmful gases or vapors
<b>Hazardous Polymerization</b>	Will not occur

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Component Analysis**

COMPONENT	CAS NUMBER	ORAL LD50 (mg/kg)	DERMAL LD50 (mg/kg)	INHALATION LC50 (mg/L)
Vinyl acetate	108-05-4	>2,900 (rat)	>2,335 (rabbit)	11.4 / 4hr

**POTENTIAL HEALTH EFFECTS**

**Eyes**

**Acute (Immediate)** May cause temporary irritation, tearing and burning  
**Chronic (Delayed)** This product is not expected to cause serious eye damage or irritation

**Skin**

**Acute (Immediate)** Prolonged skin contact may cause dryness, redness or cracking  
**Chronic (Delayed)** This product is not expected to cause sensitization

**ABBREVIATION KEY**

LD50 = Lethal dose, 50 percent  
 STOT = Specific Target Organ Toxicity EC50

LC50 = Lethal concentration, 50 Percent  
 = Effective concentration, 50 Percent

**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>Inhalation</b>	
<b>Acute (Immediate)</b>	Irritation to mucus membranes and respiratory tract, nausea, dizziness and headache
<b>Chronic (Delayed)</b>	This product is not expected to cause respiratory sensitization
<b>Ingestion</b>	
<b>Acute (Immediate)</b>	Gastrointestinal symptoms, including upset stomach.
<b>Chronic (Delayed)</b>	No data available
<b>Component Carcinogenicity</b>	Vinyl acetate (108-05-4) IARC: Group 2B - Possibly carcinogenic to humans
<b>Carcinogenicity</b>	May cause cancer. Risk of cancer depends on duration and level of exposure.
<b>Teratogenicity</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.
<b>STOT Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT Repeated Exposure</b>	Based on available data, the classification criteria are not met.

**SECTION 12 ECOLOGICAL INFORMATION**

**Eco toxicity**

COMPONENT	CAS NUMBER	FISH LC50 (mg/L)	DAPHNA EC50 (mg/L)	ALGAE EC50 (mg/L)
Vinyl acetate	108-05-4	>14 (fathead minnow) 96 Hours	>330 (Water flea) 24 Hours	N/A

<b>Persistence &amp; Degradability</b>	Vinyl acetate (108-05-4) Readily biodegradable 82% (OECD Test Guideline 301C, 14 day)
<b>Bioaccumulation Potential</b>	No Data available
<b>Soil Absorption/Mobility</b>	No Data available
<b>Ozone-Depletion Potential</b>	No known significant effects or critical hazards

**SECTION 13 DISPOSAL CONSIDERATIONS**

<b>Product Waste</b>	The transportation, storage, treatment and dispose of this waste must be conducted in accordance with all applicable federal, state and local regulations.
<b>Packaging Waste</b>	Recondition or dispose of empty containers in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

**SECTION 14 TRANSPORT INFORMATION**

**Transportation Regulations**      This product is not regulated as a hazardous material in transportation.

**SECTION 15 REGULATORY INFORMATION**

**TSCA Inventory**                      Components are listed  
**DSL Inventory**                      Components are listed  
**Sara 203**                                vinyl acetate 1000 lb. TPQ  
**Sara 311/312 Categories**        Chronic Health Hazard  
**Sara 313**                                vinyl acetate 0.1 %  
**CERCLA**                                vinyl acetate 5,000 lbs  
**CA Proposition 65**                This product does not contain chemical known in the state of California to cause cancer, birth defects or reproductive harm.  
**Right to Know States**

COMPONENT	CAS NUMBER	CA	MA	MN	NJ	PA	RI
Vinyl acetate	108-05-4	Yes	Yes	Yes	Yes	Yes	Yes

**SECTION 16 OTHER INFORMATION**

**Preparation Date**                    April 2020  
**Revision Date**                        March 2022  
**Summary of Changes**                Branding Update  
**Disclaimer**  
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 The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Performance Roof Systems.

**ABBREVIATION KEY**

TSCA = Toxic Substances Control Act  
 CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act  
 DSL = Domestic Substances List (Canada)  
 SARA = Superfund Amendments and Reauthorization Act