



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 04-Jun-2026

Version 1.0

1. Identification

Product Name PrimeRite P305

Chemical Family Acrylic Latex

Recommended Use/Restrictions Coatings product

Manufacturer

Innovative Polymer Systems

4117 Capital Drive

New Albany, IN 47150

24-Hour Emergency Phone CHEMTREC 1-800-424-9300

Information Only (812) 776-6251

2. Hazards identification

Hazard Classification

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other hazards

No data available

3. Composition / information on ingredients

Hazardous Components

Weight Percent	Components	CAS-No.	Classification
>=45.0 - <=46.0%	Acrylic Polymers		Non-hazardous
<0.05%	Residual Monomers		Not available
0.1 - 1%	Aqua Ammonia	1336-21-6	
>=54.0 - <=55.0%	Water	7732-18-5	

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

4. First aid measures

Description of first aid measures

Inhalation: Move to fresh air

Eye Contact: In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops or persists.

Skin Contact: In case of skin contact, wash affected areas with soap and water. Get medical attention if irritation develops and persists.

Ingestion: If ingested, do not induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. Get medical attention if necessary. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and indication of medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

5. Firefighting measures

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media No Data Available

Fire Fighting Procedure Firefighters should be equipped with self-contained breathing apparatus.

Hazardous Decomposition Products

By Thermal Decomposition: carbon monoxide, carbon dioxide, Acrylic monomers, other potentially toxic fumes

Unusual Fire/Explosion Hazards Material can splatter above 100C/212°F. Dried product can burn..

6. Accidental release measures

Spill and Leak Procedures

Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal.

7. Handling and storage

Handling/Storage Precautions

Avoid breathing dust, vapor, or mist. Avoid contact with skin or clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use. Protect from freezing. STIR WELL BEFORE USE.

Storage Period: 12 Months

Storage Temperature

Minimum: 1 °C (33.8 °F)

Maximum: 49 °C (120.2 °F)

Storage Conditions None known

Substances to Avoid None known

Other Monomer vapors can be evolved when material is heated during processing operations

8. Exposure controls / personal protection

Control Parameters

For substances listed in Section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Component	Location	Agency	Limit type
Aqua Ammonia (1336-21-6)	USA OSHA	OSHA TWA (mg/m ³)	35 mg/m ³ 50ppm
	USA ACGIH	ACGIH TWA (mg/m ³)	25 ppm, Ammonia
	USA ACGIH	ACGIH STEL (mg/m ³)	35 ppm, Ammonia

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary with a minimum capture velocity of 100ft/min at the point of vapor evolution to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand Protection

Permeation resistant gloves.

Eye Protection

Safety glasses with side-shields.

Skin Protection

Wear cloth work clothing including long pants and long-sleeved shirts.

Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be

available.

9. Physical and chemical properties

Property	Value
State of Matter	liquid
Color	Various
Odor	Ammonia
Odor Threshold	No Data Available
pH	7.5 – 8.5
Freezing Point	No data available
Boiling Point	100 °C (212 °F) similar to water
Flash Point	Noncombustible
Evaporation Rate	<1.00 similar to water
Lower Explosion Limit	Not applicable
Upper Explosion Limit	Not applicable
Vapor Pressure	17.0 mmHg @ 20 °C (68 °F) similar to water
Density	1.00 – 1.20
Relative Vapor Density	<1.00 similar to water
Solubility in Water	Dilutable
Partition Coefficient: n-octanol/water	No Data Available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	No Data Available
Dynamic Viscosity	50 – 550 mPa.s
Kinematic Viscosity	No Data Available
Percent volatility	54.0 – 55.0% similar to water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. Stability and reactivity

Hazardous Reactions None known. Product will not undergo polymerization.

Stability Stable

Materials to Avoid None known

Hazardous Decomposition Products

Thermal decomposition may yield acrylic monomers.

11. Toxicological information

Toxicity Data for PrimeRite P305

Acute toxicity

Acute oral toxicity LD50, Rat, > 5,000 mg/kg

Acute dermal toxicity LD50, Rabbit, > 5,000 mg/kg

Acute inhalation toxicity Product test data not available

Skin corrosion/irritation May cause transient irritation

Serious eye damage/eye irritation No eye irritation

Sensitization Product test data not available

Specific Target Organ Systemic Toxicity (Single Exposure) Product test data not available

Specific Target Organ Systemic Toxicity (Repeated Exposure) Product test data not available

Carcinogenicity Product test data not available.

Teratogenicity Product test data not available.

Reproductive toxicity Product test data not available.

Mutagenicity Product test data not available.

Aspiration Hazard Product test data not available.

Additional information

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Toxicity Data for Acrylic polymer(s)

Acute Inhalation Toxicity The LC50 has not been determined.

Toxicity Data for Residual monomers

Acute Inhalation Toxicity The LC50 has not been determined.

Toxicity Data for Aqua Ammonia

Acute Inhalation Toxicity LC50, Rat, male, 1 Hour, dust/mist, 9.850 mg/l

Sensitization For skin sensitization: No relevant data found. For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Repeated Exposure) Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Carcinogenicity Did not cause cancer in laboratory animals.

Teratogenicity Available data are inadequate for evaluation of potential to cause fetotoxicity.

Reproductive toxicity Available data are inadequate to determine effects on reproduction.

Mutagenicity In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

Aspiration Hazard Based on physical properties, not likely to be an aspiration hazard.

12. Ecological information

No data available for this material. The information shown is based on profiles of compositionally similar materials.

Toxicity

Acute toxicity to fish LC50, Oncorhynchus mykiss (rainbow trout), 96 Hour, >CUST-RH000000000599, OECD Test Guideline 203 or Equivalent

Acute toxicity to algae/aquatic plants EC50, Algae (Selenastrum capricornutum), 72 Hour, >100 ppm

Toxicity to bacteria Microtox, 15 Minute EC50: >300 ppm

Persistence and degradability

Acrylic polymer(s) — Biodegradability No relevant data found.

Residual monomers — Biodegradability No relevant data found.

Aqua ammonia — Biodegradability Material is expected to be readily biodegradable. Biodegradation may occur under aerobic conditions (in the presence of oxygen).

Theoretical Oxygen Demand 3.76 mg/mg Estimated.

Bioaccumulative potential

Bioaccumulation no data available

Mobility in soil

Residual monomers No relevant data found.

13. Disposal considerations

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

14. Transport information

DOT Not regulated for transport

Classification for SEA transport (IMO-IMDG):

Not regulated for transport

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. Regulatory information

OSHA Hazard Communication Standard

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

Pennsylvania

Any material listed as "Not Hazardous" in the CAS REG NO column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. Other information

The method of hazard communication for Innovative Polymer Systems is comprised of Product Labels and Safety Data Sheets.

Contact: Product Safety Department

Telephone: (812) 776-6251

Version Date: 04-Jun-2026

SDS Version: 1.0

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