PRITHVI PU CLEAR

Category: *Acrylic Water-Based Emulsion Paint (Exterior Primer)*

SECTION 1 — IDENTIFICATION

Product Name	PRITHVI PU CLEAR Coating
Recommended Use	Exterior emulsion primer for cement surface

SECTION 2 — HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture	Short-Term (Acute) Aquatic Hazard - Category 3 Long-Term (Chronic) Aquatic Hazard - Category 3
Signal Word	Single word - No signal word

Hazard Statements

H412 — Harmful to aquatic life with long-lasting effects.

Precautionary Statements

General — P102: Keep out of reach of children.

Prevention — P273: Avoid release to the environment.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient	%	CAS Number	LD50 of Ingredient	LC50 of Ingredient
CMIT/MIT (3:1)	<0.003	55965-84-9	—	35 ppm (Vapor, RAT)

There is no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 — PHYSICAL DATA

Physical State	Liquid
Odour and Appearance	Liquid with small smell
Odour Threshold (ppm)	Not Available
Specific Gravity	0.99 – 1.1
Vapour Density (air=1)	Not Available
Vapour Pressure (mmHg)	Not Available
Evaporation Rate	Not Available
Boiling Point (°C)	Not Available
Freezing Point (°C)	Not Available

pH	Not Applicable
Coefficient of Water/Oil Distribution	Not Available

SECTION 5 — FIRE AND EXPLOSION DATA

Flammability	No
Means of Extinction	Alcohol foam, carbon dioxide, dry chemical powder, polymer foam.
Flashpoint and Method	43°C, closed cup
Upper Flammable Limit (% by Volume)	Not Available
Lower Flammable Limit (% by Volume)	Not Available
Autoignition Temperature	Not Available
Explosion Data — Sensitivity to Impact	No
Explosion Data — Sensitivity to Static Discharges	No
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, nitrogen oxides.

SECTION 6 — REACTIVITY DATA

Chemical Stability	Stable.
Incompatibility with Other Substances	Yes — strong acids / strong oxidising agents / strong bases.
Reactivity, and Under What Conditions	Exposure to ignition sources, heat, exposure to peroxides, sparks, open flame, generation of dust, heat (temperatures above 194°C).
Hazardous Decomposition Products	Carbon monoxide.

SECTION 7 — TOXICOLOGICAL PROPERTIES

Route of Entry	Skin Contact: No Absorption: No Eye Contact: No Inhalation: No Ingestion: No
Effects to Acute Exposure to Product	No
Effects of Chronic Exposure to Product	No
Exposure Limits (Value, Units, By)	NA

Irritancy	No irritancy

SECTION 8 — PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Colour	White
Odour	Characteristic
Boiling Point / Boiling Range	Lowest known value: 100°C (water)
Flashpoint	Closed cup — not applicable
Ignition Temperature	365°C (689°F)
Auto Igniting	Product is not self-igniting.
The Danger of Explosion	Stable at normal temperatures. Can burst when exposed to temperatures exceeding 120°F. In use, may form a flammable/explosive vapour-air mixture.
Lower Explosion Limit	Not Applicable
Upper Explosion Limit	Not Applicable
Vapor Pressure	Highest known value: 3.2 kPa (23.8 mmHg) at 20°C, water
Density at 20°C (68°F)	1.23 g/cm³
Specific Gravity	Between 0.77 and 0.85 (water = 1.00)
VOC Content	Less than 55 ppm
VOC Content (less exempt solvents)	60.0%
MIR Value	1.19
Solids Content	35%

SECTION 9 — STABILITY AND REACTIVITY

Conditions to Be Avoided	Do not allow the can to exceed 120°F. Stable at normal temperatures.
Possibility of Hazardous Reactions	Not hazardous. No specific data.

SECTION 10 — ECOLOGICAL INFORMATION

Other Information	Not Applicable
Aquatic Toxicity	Not Applicable

SECTION 11 — DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of by local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation	Empty cans should be recycled.

SECTION 12 — TRANSPORT INFORMATION

Hazard Class	Non-Hazardous (this preparation is not classified as dangerous according to international transport regulations).
Identification Number	N/A
Label	2.1
ADR/RID Class	Not regulated (not dangerous for transport).
UN Number	N/A
IMDG Class	N/A
Packaging Group	N/A
EMS Number	N/A
Marine Pollutant	No
ICAO/IATA Class	N/A
Proper Shipping Name	Water Based Non-Hazardous Paint

SECTION 13 — PREVENTIVE MEASURES / HANDLING & STORAGE

Personal Protective Equipment	Gloves: Yes — Butyl Rubber Respirator: Yes — NIOSH Approved Eye: Yes — Splash Resistant Footwear: No Clothing: No Other: No
Engineering Controls	Use mechanical ventilation to reduce exposure.
Leak and Spill Procedure	Wear adequate protective equipment. Contain spill with absorbent material and place in a suitable covered and labelled container for disposal.
Waste Disposal	Check with federal, provincial and local government regulations and requirements for disposal.
Handling Procedures / Equipment	Use in a well-ventilated area. Do not use with incompatible substances.
Storage Requirements	Store in a cool, well-ventilated area out of direct sunlight.
Special Shipping Information	TDG Shipping Name: PAINT. Classification: 3.3. Packing Group: III. Identification Number: UN1263.

SECTION 14 — FIRST-AID MEASURES

Inhalation	Remove to fresh air. Get medical help if there is any breathing difficulty.
Ingestion	Do not induce vomiting unless directed by a physician. Give two glasses of water. Seek medical attention immediately.

Skin Contact	Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.
Eye Contact	Flush eyes with large amounts of lukewarm water for 20 minutes, while holding eyelids open or until irritation subsides. If irritation persists, get medical attention.

SECTION 15 — REGULATIONS

SARA Section 355 (Extremely Hazardous Substances)	None of the ingredients in this product is listed.
SARA Section 313 (Specific Toxic Chemical Listings)	None of the ingredients is listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed.
Proposition 65 — Chemicals Known to Cause Cancer	1333-86-4 Carbon black; 100-41-4 Ethylbenzene.
Proposition 65 — Chemicals Known to Cause Developmental Toxicity	108-88-3 Toluene.
Canadian WHMIS	Class A, B5 — Flammable Aerosols.
EPA Carcinogen Categories (Reference Key)	A = Known human carcinogen B = Probable human carcinogen C = Possible human carcinogen D = Not classifiable as to human carcinogenicity (inadequate human and animal evidence, or no data available)
IARC	Group 2B — possibly carcinogenic to humans (limited evidence). Group 3 unclassifiable as to carcinogenicity to humans: 67-63-0 Isopropyl alcohol.
ACGIH TLV Carcinogen Categories (Reference Key)	A1 = confirmed human carcinogen A2 = suspected human carcinogen A3 = animal carcinogen A4 = not classifiable as a human carcinogen

SECTION 16 — OTHER INFORMATION

When sanding any paint, use wet sanding to avoid breathing dust. Wear a dust respirator if wet sanding is not possible. Refer to the Technical Data Sheet for this product for directions for use.