



PRITHVI PU CLEAR COATING

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

SECTION 1 — IDENTIFICATION

Product Name	PRITHVI PU CLEAR Coating
Recommended Use	Automotive metal components – Waterborne for steel and aluminum components

SECTION 2 — HAZARD(S) IDENTIFICATION

GHS Classification	Aquatic Hazard (Acute), Category 3; Aquatic Hazard (Chronic), Category 3
Signal Word	None (no signal word assigned)

Hazard Statements

- H412 – Harmful to aquatic life with long-lasting effects
- No additional hazard statements identified in source data
- Not applicable

Precautionary Statements

- P102 – Keep out of reach of children
- P273 – Avoid release to the environment
- No additional precautionary statements identified in source data

Pictogram(s) Required: None required (no GHS signal word assigned)

Other Hazards: None identified in source data; PBT/vPvB assessment not reported

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name / Ingredient	CAS No.	Conc. (% w/w)	GHS Classification
CMIT/MIT (3:1) (5-Chloro-2-methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolin-3-one)	55965-84-9	< 0.003%	Contributes to product's Aquatic Chronic/Acute Category 3 classification (H412); LC50 35 ppm, vapour, rat

Note: No additional hazardous ingredients are present which, within the current knowledge of the supplier and at the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



SECTION 4 — FIRST-AID MEASURES

Inhalation	<i>Remove to fresh air. Get medical help if there is any breathing difficulty.</i>
Skin Contact	<i>Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.</i>
Eye Contact	<i>Flush eyes with large amounts of lukewarm water for 20 minutes, holding eyelids open, until irritation subsides. If irritation persists, get medical attention.</i>
Ingestion	<i>Do not induce vomiting unless directed by a physician. Give two glasses of water. Seek medical attention immediately.</i>
Most Important Symptoms / Effects	<i>No significant symptoms reported; product shows no irritancy and no acute or chronic toxic effects per available data</i>

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	<i>Alcohol foam, carbon dioxide, dry chemical powder, polymer foam</i>
Specific Hazards Arising from the Product	<i>Hazardous combustion products: carbon monoxide, carbon dioxide, and nitrogen oxides</i>
Special Protective Equipment for Firefighters	<i>Use of self-contained breathing apparatus (SCBA) and full protective equipment is standard practice</i>

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	<i>Wear adequate protective equipment (butyl rubber gloves, splash-resistant eye protection, NIOSH-approved respirator)</i>
Environmental Precautions	<i>Avoid release to the environment; prevent entry into drains, waterways and soil</i>
Methods for Containment & Cleanup	<i>Contain spill with absorbent material and place in a suitable, covered, labelled container for disposal</i>

SECTION 7 — HANDLING AND STORAGE

Precautions for Safe Handling	<i>Use in a well-ventilated area with mechanical ventilation to reduce exposure. Do not use with incompatible substances. If sanding, use wet sanding to avoid breathing dust; wear a dust respirator if wet sanding is not possible.</i>
Conditions for Safe Storage	<i>Store in a cool, well-ventilated area out of direct sunlight. Do not allow the container to exceed 120°F (49°C).</i>
Incompatible Materials	<i>Strong acids, strong oxidising agents, strong bases</i>



SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	Exposure Limit	Source
CMIT/MIT (3:1)	Not established (NA)	Not applicable

Engineering Controls	Use mechanical ventilation to reduce exposure
Eye / Face Protection	Splash-resistant eye protection
Skin Protection	Butyl rubber gloves
Respiratory Protection	NIOSH-approved respirator

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid, white
Odour	Characteristic; liquid with slight smell
pH	Not applicable
Initial Boiling Point & Range	Lowest known value: 100°C (water)
Flash Point	43°C, closed cup
Flammability (Solid/Gas)	Not applicable (liquid); product is not self-igniting
Vapour Pressure	Highest known value: 3.2 kPa (23.8 mmHg) at 20°C (water)
Relative Density	0.99 – 1.1 (Specific Gravity); density at 20°C: 1.23 g/cm ³
VOC Content	< 55 ppm; VOC content (less exempt solvents): 60.0%; MIR value: 1.19; solids content: 35%

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	Reactive under conditions of exposure to ignition sources, heat, sparks, open flame, peroxides, or dust generation at temperatures above 194°C
Chemical Stability	Stable at normal temperatures
Possibility of Hazardous Reactions	No specific data reported
Conditions to Avoid	Do not allow container to exceed 120°F (49°C); avoid heat, sparks, open flame and ignition sources
Incompatible Materials	Strong acids, strong oxidising agents, strong bases
Hazardous Decomposition Products	Carbon monoxide



SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity — Oral	<i>Not classified; no data reported (ingestion route: No)</i>
Acute Toxicity — Dermal	<i>Not classified; no data reported (skin contact route: No)</i>
Acute Toxicity — Inhalation	<i>LC50 (component CMIT/MIT): 35 ppm, vapour, rat; product overall inhalation route: No</i>
Skin Corrosion / Irritation	<i>No irritancy reported; skin contact route: No</i>
Serious Eye Damage / Irritation	<i>No irritancy reported; eye contact route: No</i>
Respiratory / Skin Sensitisation	<i>no data reported</i>
Carcinogenicity	<i>Not classified based on available data</i>
Reproductive Toxicity	<i>no data reported</i>

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	<i>product classified Aquatic Acute Category 3 and Aquatic Chronic Category 3 (H412 – Harmful to aquatic life with long-lasting effects)</i>
Other Adverse Effects	<i>None identified in source data</i>

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Methods	<i>Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact containers.</i>
Contaminated Packaging	<i>Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches. Empty cans should be recycled.</i>

SECTION 14 — TRANSPORT INFORMATION

UN Number	<i>N/A (Not Regulated for standard transport; source data separately lists UN1263 under TDG shipping information — see note below)</i>
UN Proper Shipping Name	<i>Water Based Non-Hazardous Paint</i>
Transport Hazard Class(es)	<i>Non-hazardous; not classified as dangerous for international transport (ADR/RID: Not Regulated). Note: source data separately lists TDG Classification 3.3, Label 2.1 — recommend verification against current transport regulations.</i>
Packing Group	<i>N/A (source data separately lists Packing Group III under TDG shipping information)</i>
Environmental Hazards	<i>No (marine pollutant: No)</i>



SECTION 15 — REGULATORY INFORMATION

Applicable Indian regulations: Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989; Bureau of Indian Standards (BIS) classification as applicable. Additionally references US regulatory listings (SARA 355/313, TSCA, California Proposition 65, EPA/IARC/ACGIH carcinogenicity categories, Canadian WHMIS Class A/B5) citing substances — including carbon black, ethylbenzene, toluene, and isopropyl alcohol — that do not appear in this product's declared composition (Section 3). This is likely carried-over boilerplate from another product's data sheet and should be independently verified against the actual formulation before this SDS is issued.

Prepared By: Prithvi Coatings — Technical / EHS Department

Abbreviations: LD50 — Lethal Dose 50%; LC50 — Lethal Concentration 50%; CAS — Chemical Abstracts Service; GHS — Globally Harmonized System; PPE — Personal Protective Equipment; VOC — Volatile Organic Compound; SCBA — Self-Contained Breathing Apparatus; MIR — Maximum Incremental Reactivity; NIOSH — National Institute for Occupational Safety and Health