



Prithvi AquaShield – Resin (Part A)

Category: Two-Part Polyurea Coating System — Resin Component

SECTION 1 — IDENTIFICATION

Product Name	Prithvi AquaShield – Resin (Part A)
Recommended Use	Resin component of a two-part polyurea coating system
Restrictions on Use	For industrial use only

SECTION 2 — HAZARD(S) IDENTIFICATION

GHS Classification	Skin Irritation, Category 2; Eye Irritation, Category 2
Signal Word	Warning

Hazard Statements

- Causes skin and eye irritation

Precautionary Statements

- Avoid contact with skin and eyes
- Wear protective gloves and goggles
- Use in well-ventilated areas

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component / Ingredient
Polyether-modified polyamine resin base
Proprietary additives and modifiers



PRITHVI COATINGS

Advanced Coatings for Sustainable Future

SAFETY DATA SHEET (SDS)

SECTION 4 — FIRST-AID MEASURES

Inhalation	Remove to fresh air. Seek medical attention if breathing difficulty develops.
Skin Contact	Wash thoroughly with soap and water. Remove contaminated clothing.
Eye Contact	Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.
Ingestion	Do not induce vomiting. Rinse mouth and seek medical attention.

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry powder, CO ₂
Specific Hazards Arising from the Product	Hazardous combustion products: carbon oxides, nitrogen oxides, other toxic gases
Special Protective Equipment for Firefighters	Self-contained breathing apparatus (SCBA) and full protective clothing

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective gloves, goggles, and suitable protective clothing.
Environmental Precautions	Prevent entry into drains and watercourses.
Methods for Containment & Cleanup	Contain and absorb spill with inert material. Dispose of spill material according to local regulations.

SECTION 7 — HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes. Keep containers tightly closed.
Conditions for Safe Storage	Store in a well-ventilated, cool, dry area away from heat and sources of ignition.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Local exhaust ventilation or other engineering controls.
Eye / Face Protection	Safety goggles



PRITHVI COATINGS

Advanced Coatings for Sustainable Future

SAFETY DATA SHEET (SDS)

Skin Protection	Chemical-resistant gloves, protective clothing
Respiratory Protection	Respiratory protection may be required if ventilation is inadequate

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to slightly yellow viscous liquid
Odour	Amine-like
Flash Point	> 93°C
Relative Density	Approx. 1.0–1.1 g/cm ³

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	No hazardous polymerization under normal conditions.
Chemical Stability	Stable under recommended storage.
Incompatible Materials	Strong oxidizers, acids, and moisture

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Effects	Causes skin and eye irritation.
Respiratory / Skin Sensitisation	Possible sensitization with repeated exposure.
Chronic Effects	No known chronic effects at recommended use.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Avoid release to the environment; ecotoxicity data not fully available. Expected to be of low toxicity if properly handled.
--------------------	---



SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and empty containers in accordance with local environmental regulations.

SECTION 14 — TRANSPORT INFORMATION

UN Number

Not classified as dangerous goods under current transport regulations

Transport Hazard Class(es)

Not Regulated

Special Precautions for User

Transport in closed containers to prevent spills.

SECTION 15 — REGULATORY INFORMATION

Complies with local chemical safety laws and GHS labelling requirements.



PRITHVI COATINGS

Advanced Coatings for Sustainable Future

**SAFETY DATA
SHEET (SDS)**

Prithvi AquaShield – Hardener (Part B)

Category: Two-Part Polyurea Coating System — Hardener Component

SECTION 1 — IDENTIFICATION

Product Name	Prithvi AquaShield – Hardener (Part B)
Recommended Use	Hardener component of a two-part polyurea coating system
Restrictions on Use	For professional and industrial use only

SECTION 2 — HAZARD(S) IDENTIFICATION

GHS Classification	Flammable Liquid, Category 3; Skin Corrosion, Category 1B; Eye Damage, Category 1; Skin Sensitization, Category 1
Signal Word	Danger

Hazard Statements

- Flammable liquid and vapour
- Causes severe skin burns and eye damage
- May cause allergic skin reaction

Precautionary Statements

- Keep away from heat and open flames
- Avoid skin and eye contact
- Use protective gloves and face protection

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component / Ingredient
Aromatic polyurea hardener
Solvents including aromatic hydrocarbons
Proprietary additives



SECTION 4 — FIRST-AID MEASURES

Inhalation	Remove to fresh air. Seek medical attention if symptoms arise.
Skin Contact	Remove contaminated clothing. Wash with soap and water. Seek medical care if irritation persists.
Eye Contact	Rinse immediately for 15 minutes. Seek urgent medical attention.
Ingestion	Do not induce vomiting. Seek medical help immediately.

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol-resistant foam, dry chemical, CO ₂
Specific Hazards Arising from the Product	Vapours form explosive mixtures; combustion products may be toxic
Special Protective Equipment for Firefighters	Self-contained breathing apparatus (SCBA) and protective clothing

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear full PPE including respirator, gloves, and goggles.
Environmental Precautions	Prevent spills from entering drains or watercourses.
Methods for Containment & Cleanup	Absorb and collect spill using inert material. Dispose of according to regulations.

SECTION 7 — HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes, and inhalation of vapours. Keep containers tightly sealed.
Conditions for Safe Storage	Store in a cool, well-ventilated area away from ignition sources.
Incompatible Materials	Acids, alkalis, moisture, oxidizing agents

**PRITHVI COATINGS***Advanced Coatings for Sustainable Future***SAFETY DATA
SHEET (SDS)**

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Local exhaust ventilation or equivalent.
Eye / Face Protection	Face shield
Skin Protection	Chemical-resistant gloves, protective clothing
Respiratory Protection	Respiratory protection required if ventilation is insufficient

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber liquid
Odour	Aromatic solvent
Flash Point	Approximately 24°C
Relative Density	Approximately 0.95–1.05 g/cm ³

SECTION 10 — STABILITY AND REACTIVITY

Reactivity	Reacts with water, releasing CO ₂ gas.
Chemical Stability	Stable if stored correctly.
Incompatible Materials	Acids, alkalis, moisture, and oxidizing agents

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Effects	Causes severe skin burns and eye damage. Vapours may cause dizziness and drowsiness.
Respiratory / Skin Sensitisation	Sensitizer to skin and respiratory tract.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms with long-lasting effects. Avoid environmental release.
--------------------	--



SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose according to local hazardous waste regulations. Avoid environmental contamination.

SECTION 14 — TRANSPORT INFORMATION

UN Number

UN 1263 — Classified as flammable liquid

Transport Hazard Class(es)

Class 3 (Flammable)

Special Precautions for User

Follow ADR, IMDG, and IATA regulations.

SECTION 15 — REGULATORY INFORMATION

Complies with chemical safety standards and GHS labelling. Follow workplace controls and exposure limits.