

*Safety Data Sheet***ResinTech® PPM SDS**

Single-Component, Moisture-Cured Elastomeric Waterproofing & Protective Coating

Prepared in accordance with WHMIS 2015 (Canada)

1. Identification**Product Identifier:**

ResinTech® Protective Polymer Membrane (PPM)

Generic Description:

Single-Component, Moisture-Cured Polyurea-Based Waterproofing Coating

Recommended Use:

Liquid-applied waterproofing and protective coating for construction, infrastructure, and building envelope applications.

Restrictions on Use:

Not recommended for uses other than those identified without prior consultation with the manufacturer.

Manufacturer:

ResinTech®

North Vancouver, BC, Canada

Emergency Contact:

ResinTech® – For product information only

Phone: 250-233-3000

2. Hazard Identification**Hazard Classification:**

Based on available information, this product is not classified as hazardous under the Workplace Hazardous Materials Information System (WHMIS 2015).

Label Elements:

Hazard Pictograms: None required

Signal Word: None required

Hazard Statements: None required

Other Hazards:

This product does not meet the criteria for classification as hazardous under WHMIS 2015. Normal industrial hygiene and safe handling practices should be observed during use.

3. Composition / Information on Ingredients

Chemical Nature:

Polyurea-based polymer coating

Mixture:

This product is a mixture of polymeric materials.

Component	CAS Number	Concentration
Polyisocyanate (MDI-based)	Proprietary	Proprietary
Polyether polyol	Proprietary	Proprietary
Terminal amino polyether	Proprietary	Proprietary
Additives and chain extenders	Proprietary	Proprietary

Hazardous Ingredients:

Based on available information, the components present in this mixture are not classified as hazardous under WHMIS 2015 at their respective concentrations.

4. First-Aid Measures

Inhalation:

Under normal conditions of use, inhalation is not expected to cause adverse effects. If respiratory discomfort occurs, move the affected person to fresh air. Seek medical attention if symptoms persist.

Skin Contact:

Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Seek medical attention if irritation develops or persists.

Eye Contact:

Rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion:

Do not induce vomiting. Rinse mouth and drink water if the affected person is conscious. Seek medical attention if discomfort occurs.

Most Important Symptoms and Effects:

No significant acute or delayed symptoms are expected under normal conditions of use.

Medical Attention:

Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Use extinguishing media appropriate for surrounding materials.

Specific Hazards:

Product is not considered flammable. Thermal decomposition under fire conditions may produce carbon oxides and nitrogen-containing compounds.

Protective Equipment:

Firefighters should wear standard protective equipment and self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions:

Avoid contact with skin and eyes. Ensure adequate ventilation during cleanup.

Environmental Precautions:

Prevent material from entering drains, waterways, or soil.

Cleanup Methods:

Contain spill if possible. Collect material using absorbent or mechanical means and place in suitable containers for disposal or recycling in accordance with applicable regulations.

7. Handling and Storage

Handling:

Handle in accordance with good industrial hygiene practices. Avoid prolonged skin or eye contact. Do not eat, drink, or smoke during use.

Storage:

Store in a cool, dry, and well-ventilated area.

Recommended storage temperature: 5–30 °C.

Protect from moisture, freezing, direct sunlight, and physical damage.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

No occupational exposure limits have been established for this product.

Engineering Controls:

Provide adequate ventilation during application.

Personal Protective Equipment:

- **Eye Protection:** Safety glasses or goggles where splashing is possible
- **Skin Protection:** Protective gloves and work clothing recommended during prolonged contact
- **Respiratory Protection:** Not normally required under normal conditions of use; use appropriate protection if ventilation is inadequate

Hygiene Measures:

Wash hands thoroughly after handling. Remove contaminated clothing before reuse.

9. Physical and Chemical Properties

Physical State:

Viscous liquid

Colour:

Grey / off-white (typical)

Odour:

Mild

pH:

Approximately 5–7

Flash Point:

Not applicable (non-flammable liquid)

Flammability:

Not flammable

Vapour Pressure:

Low (based on product form)

Vapour Density:

Not applicable

Relative Density:

Approximately 1.2 (typical)

Solubility:

Insoluble in water

Viscosity:

High

Auto-Ignition Temperature:

Not applicable

Explosive Properties:

Not explosive

10. Stability and Reactivity

Reactivity:

No hazardous reactions expected under normal use.

Chemical Stability:

Stable under recommended storage conditions.

Conditions to Avoid:

Excessive heat, freezing, and moisture ingress during storage.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Carbon oxides and nitrogen-containing compounds under fire conditions.

11. Toxicological Information

Likely Routes of Exposure:

Skin contact, eye contact, inhalation during application.

Acute Effects:

Not expected to cause acute toxicity under normal conditions of use.

Skin and Eye Effects:

Prolonged or repeated contact may cause mild irritation.

Sensitization:

No information available.

Chronic Effects:

No known chronic health effects based on available information.

Carcinogenicity, Mutagenicity, Reproductive Toxicity:

No information available.

12. Ecological Information

Based on available information, the product is not expected to present significant environmental hazards when used as intended.

No specific ecotoxicological data is available for this mixture.

13. Disposal Considerations

Dispose of contents and containers in accordance with local, provincial, and federal regulations. Recycling of unused product and containers is recommended where feasible.

14. Transport Information

Not regulated as a dangerous good under the Transportation of Dangerous Goods (TDG) Regulations.

15. Regulatory Information

This product is not classified as hazardous under WHMIS 2015.

16. Other Information

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Disclaimer

The information provided in this SDS is based on available data and is believed to be accurate at the time of preparation. No warranty is expressed or implied. The user is responsible for ensuring compliance with all applicable laws and regulations.