



MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION:

Commercial Product Name:	High Heat – Multipurpose Coating Part A
Manufacturer:	D&R Holdings (Pty) Ltd Roodepoort Johannesburg Gauteng 1724 South Africa
Product uses:	High-temperature protective coating for metal surfaces including fireplaces, braais, stoves, exhaust systems and industrial equipment. Not intended for food-contact surfaces.

HAZARDS IDENTIFICATION:

This product is generally classified as:

- Eye Irritation Category 2
- STOT SE Category 3 (may cause drowsiness or dizziness due to Dowanol DPM)

Signal Word: Warning

Hazard Statements

- Causes serious eye irritation.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Prolonged repeated exposure may dry skin.

Precautionary Statements

- Avoid breathing spray mist.
- Wear protective gloves.
- Wear eye protection.
- Use only with adequate ventilation.
- Wash hands thoroughly after use.

COMPOSITION:

Component Description	CAS No.	%
Proprietary Acrylic Polymer Dispersion (Binder)	Proprietary	68.30
Proprietary Coalescing Solvent	Proprietary	10.00
Water	7732-18-5	19.70
Proprietary Defoaming Additive	Proprietary	0.40
Proprietary Surface Wetting Additive	Proprietary	0.60
Proprietary Rheology Modifier	Proprietary	1.00

FIRST AID MEASURES:

General information:
In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

After inhalation
Provide fresh air.

After contact with the skin
Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

After contact with the eyes
Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

After swallowing
Give several small portions of water to drink. Do not induce vomiting.

FIRE FIGHTING MEASURES:

- Suitable extinguishing media:**
- Foam
 - Dry chemical
 - CO₂
 - Water spray

Specific hazards:

Product is waterborne but contains combustible organic components.

Burning may produce:

- Carbon monoxide
- Carbon dioxide
- Nitrogen oxides

Protective equipment:

Positive-pressure breathing apparatus.

ACCIDENTAL RELEASE MEASURES:

Contain spill.

Prevent entry into drains.

Absorb using:

- Sand
- Vermiculite
- Inert absorbent

Dispose according to local regulations.

HANDLING AND STORAGE:

Store between:

5°C and 35°C

- Protect from freezing.
- Keep container tightly closed.
- Avoid prolonged skin contact.
- Ensure adequate ventilation.

EXPOSURE CONTROLS AND PERSONAL PROTECTION EQUIPMENT:

Engineering controls:

- Good ventilation.
- Personal Protective Equipment

Eyes:
Safety glasses.

Hands:
Nitrile gloves.

Respiratory:
Not normally required.

When spraying:
Use organic vapour/particulate respirator.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Coloured liquid coating
Odour:	Mild solvent
Colour:	Various
pH:	Approximately 8–9
Boiling Point:	Approximately 100°C
Flash Point:	Not applicable (waterborne)
VOC:	Approximately 10%
Density:	Approximately 1.05–1.20 g/ml (depending on colour)
Solubility:	Dispersible in water.

STABILITY AND REACTIVITY:

Stable under normal conditions.

Avoid:

- Freezing
- Excessive heat

Avoid strong:

- Oxidising agents
- Acids

Hazardous decomposition:
Carbon oxides.

TOXICOLOGY INFORMATION:

Routes of exposure:

- Skin
- Eyes
- Inhalation

Effects:

Eyes:

Moderate irritation.

Skin:

May cause dryness after repeated exposure.

Inhalation:

Spray mist may irritate respiratory tract.

Ingestion:

May cause stomach discomfort.

ECOLOGICAL INFORMATION:

Avoid uncontrolled release.

Do not allow product into waterways.

Product is not expected to be highly toxic to aquatic life when cured.

DISPOSAL CONSIDERATIONS:

Dispose according to local municipal regulations.

Do not pour into drains.

Allow unused product to cure before disposal where permitted.

TRANSPORT INFORMATION:

UN Number:

Not regulated

Proper Shipping Name:

Not regulated

Hazard Class:

Not regulated

Packing Group:

Not applicable

REGULATORY INFORMATION:

Prepared according to:

- SANS 11014
- GHS Rev. 7
- South African OHS Act

OTHER INFORMATION:

The information is believed to be accurate and represents current knowledge regarding the product.

Users are responsible for determining suitability for their application.