

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<p>Duro Torch Membrane (Including Duro Torch 3MM; Duro Torch Mineral; Duro Torch Car Park; Duro Torch Garden; Duro Torch FB (Fleece Back); Duro Torch VB (Vented Base); and Duro Stick SP)</p>
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Not classified as Hazardous according to criteria of ASCC¹ and not Dangerous Goods according to the ADG² Code

UN NO.....:	None allocated	D.G. Class.:	None allocated	Pack. Group...:	None allocated
HAZCHEM:	None allocated	SUB. RISK.:	None allocated	SUSDP.....:	None allocated

PROPER SHIPPING NAME: None allocated

PRODUCT USE: Waterproofing membrane sheeting.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Polymer/bitumen membrane	Not required	100

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

None as supplied.

However, inhalation of fumes should be avoided if membrane is heated.

4. FIRST AID MEASURES

Eyes: If affected by fumes when heating, immediately flush with water for 15 minutes. Get medical attention if irritation persists.

Skin: Wash contaminated area with soapy warm water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Inhalation: If overcome by fumes when heating. Remove to fresh air. Apply resuscitation if victim is not breathing. Give oxygen if breathing is difficult. Get medical attention if required.

Ingestion: Not expected to be a route of exposure.

5. FIRE FIGHTING MEASURES

Flash Point >230°C (bitumen)
 Auto-ignition Temperature >485°C (bitumen)
 Lower Explosive Limit Not applicable
 Upper Explosive Limit Not applicable

Suitable Extinguishing Media:

Use water fog, carbon dioxide, dry powder, or foam. Do not use water jet.

Protective Equipment for Fire Fighting:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Fire Fighting Procedures:

Stay up-wind and fight fire from a safe distance. Prevent run-off from entering drains or watercourses.

Decomposition Products:

Decomposes with fire to give off toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

Clean up and dispose of in accordance with federal, state and local laws.

7. HANDLING AND STORAGE

Handling – When heating membrane, use heat resistant gloves and avoid inhaling fumes.

Laying – Do not lay in closed or poorly ventilated environments. If the site is not sufficiently ventilated, wear an air-purifying mask (to protect against organic vapours, dust and fumes).

Storage – Store rolls vertically, away from excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

Component	NOHSC ¹			
	TWA		STEL	
	(ppm)	(mg/m ³)	(ppm)	(mg/m ³)
Bitumen fumes	-	5	-	a

a = not listed

TWA = Time Weighted Average

STEL= Short term Exposure Limit

¹ National Occupational Health and Safety Commission (Australia)

Respiratory Protection

In case of vapours or fumes, a respiratory protection program meeting Australian and New Zealand Standards AS/NZS-1716 and AS/NZS -1715 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information"

Eye Protection

Use safety goggles (Australian and New Zealand Standards AS/NZS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection

Heat resistant gloves and protective clothing as necessary to prevent skin contact if material is heated.

Engineering Controls (Ventilation)

In case of fumes when heated, use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	Flexible sheet
State	Solid
Odour Characteristic	Mildly bituminous
pH	Not applicable
Viscosity	Not applicable
Specific Gravity (Water = 1)	1.0-1.5
Vapour Density (Air = 1)	Not applicable
Vapour Pressure	Not applicable
Melting Point	>100 °C
Boiling Point	Not applicable
Solubility in Water	Insoluble
Flash Point	>230 °C (bitumen)

10. STABILITY AND REACTIVITY

Considered stable under normal conditions of use and handling.

Hazardous decomposition products

Oxides of carbon. Decomposition by heat may give off toxic and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Not expected to be of concern as supplied.
However, heating may give off harmful fumes.

12. ECOLOGICAL INFORMATION

Not expected to be of concern.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code For The Transport Of Dangerous Goods By Road And Rail (Seventh Edition). See Section 1.

15. REGULATORY INFORMATION

Workplace Labelling Requirements:

According to Criteria of the Australian Safety and Compensation Council: Not required

16. OTHER INFORMATION

¹ Australian Safety and Compensation Council

² Australian Dangerous Goods Code – Seventh Edition

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