Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DUROCOAT AC

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Not classified as **Hazardous** according to criteria of NOHSC[1] and not Dangerous **Goods** according to the ADG[2] Code

UN NO…...:	Non allocated	**D.G. Class.:**	Nonhazardous	**Pack. Group…:**	Non allocated
HAZCHEM:	Non allocated	**SUB. RISK:**	None allocated	**SUSDP……..:**	Non allocated

PROPER SHIPPING NAME: DUROCOAT AC

PRODUCT USE: Waterproof Membrane Coating

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Latex Emulsion	Not Required	>30
Titanium dioxide	13463-67-7	<10
Inorganic extenders	Not Required	20-50
Additives	Not Required	<10
Water	7732-18-5	20-50

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

Not hazardous in normal industrial use.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for 15 minutes. Get medical advice if irritation develops or persists.

Skin: Take of all contaminated clothing. Wash contaminated area with soapy warm water. Get medical advice if irritation develops or persists. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferable mouth to mouth. If breathing is laboured, give oxygen and consult a physician immediately.

Ingestion: Consult a physician immediately. If vomiting occurs, aspiration into the lungs may cause lung damage. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point	Not Applicable
Auto-ignition Temperature	No data available
Lower Explosive Limit	No data available
Upper Explosive Limit	No data available

Suitable Extinguishing Media:
Use as appropriate for surrounding fire.

Protective Equipment for Fire Fighting:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards:
The product is not flammable.
Thermal decomposition of this product may produce toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Caution: Floor may be slippery. Eliminate all sources of ignition. Provide sufficient ventilation. Wear appropriate personal protective equipment including gloves and safety glasses. Do not breathe vapour. Contain spill. Do not allow into drains or waterways. Take up with absorbent material (e.g. sand, vermiculite, or commercially available inorganic absorbent). Use non-sparking tools and equipment. Fill into suitable containers for disposal.
Dispose of empty containers in accordance with federal, state and local laws.

7. HANDLING AND STORAGE

Handling: Observe normal standards of industrial hygiene for handling chemicals. Use in a well-ventilated area. Avoid breathing vapour and contact with skin and eyes. Wear gloves, long sleeved shirt, and eye protection. A sensitised person should not be exposed to the product.
Storage: Store in tightly sealed containers to protect from atmospheric moisture. Store in a cool and dry area. Keep away from ignition sources such as fire, flame and sparks.
Empty container warning: Do not reuse empty drums or containers unless professionally cleaned. Do not cut, drill, grind or weld on or near empty containers.
Other Precautions: Do not eat, drink or smoke when using the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

	NOHSC[1]			
	TWA		STEL	
Component	(ppm)	(mg/m³)	(ppm)	(mg/m³)
Acrylic polymer	-	a	-	-
Titanium dioxide	-	10b	-	-
Inorganic extender	-	10b	-	-
Additives	-	a	-	-
Water	-	a	-	-

a = not listed
b = as nuisance dust
c = per ACGIH
TWA = Time Weighted Average
STEL= Short term Exposure Limit
[1] National Occupational Health and Safety Commission (Australia)

Respiratory Protection

If vapours and mists occur, a respiratory protection program meeting Australian Standards AS-1716 and AS-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 chemical splash goggles (Australian Standard AS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed. An eye wash station and safety shower should be available in the work area.

Hand Protection

Impermeable gloves as necessary to prevent skin contact. E.g. Nitrile or neoprene gloves.

Protective Clothing

Clothing made of the following material has excellent resistance: Tyvec, butyl Nitrile rubber or neoprene.

Engineering Controls (Ventilation)

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 ..... White (un-tinted)
State ..... Viscous Liquid
Odour Characteristic ..... Mild Acrylic
pH 7-9

Specific Gravity (Water = 1) 1.26
Vapour Density (Air = 1) ..... Greater than air
Vapour Pressure ..... No data available
Melting Point ..... ~0ºC
Boiling Point ..... ~100ºC
Solubility in Water ..... Dispersible.
Flash Point ..... Not Applicable

10. STABILITY AND REACTIVITY

Considered stable under normal conditions of use and handling.

Hazardous decomposition products

Thermal decomposition may produce acrylic monomers, carbon monoxide, carbon dioxide and oxide of nitrogen.

11. TOXICOLOGICAL INFORMATION

Acute Data

No data available for the product.

12. ECOLOGICAL INFORMATION

No available data.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty drums or containers unless professionally cleaned. Dispose of waste and empty containers 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 (Sixth Edition). See section 1.

15. REGULATORY INFORMATION

No Available data.

16. OTHER INFORMATION

[1] National Occupational Health and Safety Commission – Australia
[2] Australian Codes for the Transport of Dangerous Goods by Road and Rail (Sixth Edition).

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