

ARMOURCOAT LIMITED

Material Safety Data Sheet

DUTURO

Section 1

Manufactures Name: Armourcoat Limited	Emergency Telephone Number: 0044 1732 460668
Address: Morewood Close, London Road, Sevenoaks, Kent. TN13 2HU United Kingdom	Telephone Number for Information: 0044 1732 460668
	Date Prepared: 14.05.03

Section 2 – Hazard Ingredients / Identity Information

Hazardous Components	OSHA PEL* OES	ACGIH TLV*	Other Limits Recommended
Attagel 40 - Harmful by Inhalation (when dry powder only)	-	N/A	
Parmetol A 26	-	N/A	
PST 50	-	N/A	

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Section 3 – Physical / Chemical Characteristics

Boiling Point (°)	To be tested.	Specific Gravity (H ₂ O = 1)	To be tested.
Vapor Pressure (mmHg.)	-	Melting Point (°)	-
Vapor Density (Air = 1)	-	Evaporation Rate (Butyl Acetate = 1)	-
Solubility in Water: Yes			
Appearance and Odor: Moderately liquid paste with little odor			

Section 4 – Fire & Explosion Hazard Data

Flash Point Method Used:	Flammable Limits	LEL	UEL
Other tests: ASTM E84-98 (NFPA 255, ANSI/UL 723 / UBC 8-1)	FSI = 10.4 SDI = 9.3	Non-Flammable	Non-Flammable
BS 476: Part 6: 1989	Class 0		
Extinguishing Media: Water spray, Foam, CO ₂ , Dry Powder.			
Unusual Fire and Explosion Hazards			
None.			

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Section 5 – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)		None	
Hazardous Decompositions or Byproducts: None			
Hazardous Polymerization	May occur		Conditions to Avoid
	Will not occur	X	

Section 6 – Health Hazard Data

Route (s) of Entry:	Inhalation?	Skin?	Ingestion?
		X	X
Health Hazards (Acute and Chronic)			
Possible irritation of the skin.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
-	-	-	-
Signs and Symptoms of Exposure:			
N/A.			
Medical Conditions Generally Aggravated by Exposure:			
Mild irritation to skin possibly leading to dermatitis.			

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Emergency and First Aid Measures:

Eye: Irrigate with water immediately. Obtain medical attention.
Skin: Soap flush as soon as possible.
Breathing: Remove from exposure and remove to fresh air.
Swallow: Unlikely to cause any reactions.

Section 7 – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

Contain spill and clean away using suitable absorbent material.

Waste Disposal Method:

Disposal should be in accordance with current local and national legislation.

Precautions to Be Taken in Handling and Storing:

Avoid contact with skin and eyes during handling.
Store in a cool dry place in original packaging.

Other Precautions:

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Section 8 – Control Measures

Respiratory Protection:		
Ventilation	Local Exhaust	Special
	Mechanical (General)	Other Natural ventilation.
Protective Gloves X	Eye Protection X	
Other Protective Clothing or Equipment: Suitable Overalls.		
Work / Hygienic Practices: Personal hygiene important, including use of barrier creams.		

Appendix

Material Safety Data Sheet used in compliance with the OSHA's Hazard Communication Standard.

OSHA PEL – Occupational Safety & Health Administration Permissible Exposure Limit.

ACGIH TLV – American Conference of Governmental Industrial Hygienists Tolerable Level Value

NTP – National Toxicology Program

FSI – Flame Spread Index

SDI – Smoke Developed Index

BS – British Standard