

ARMOURCOAT LIMITED

Material Safety Data Sheet

ARMURALIA P50

Section 1

Manufacturers 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: 06.03.00

Section 2 – Hazard Ingredients / Identity Information

Hazardous Components	OSHA PEL*	ACGIH TLV*	Other Limits Recommended	%
Vinyl Acetate	-	35,A3 mg/m3 TWA 53,A3 mg/m3 STEL		
Vinyl Versatate	-	-		
Calcium Silicates	TWA 10mg/m3 (Total) TWA 5mg/m3 (Resp)	-		
Aluminates	-	-		
Ferro-Alluminates	-	-		
Methylcellulose Derivatives	-	-		
Calcium Hydroxide	TWA 10mg/m3 (Total) TWA 5mg/m3 (Resp)	-		
Calcium Carbonate	TWA 10mg/m3 (Total) TWA 5mg/m3 (Resp)	-		
Calcium Magnesium	-	-		

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Section 3 – Physical / Chemical Characteristics

Boiling Point	100 ^o C	Specific Gravity (H ₂ o = 1)	1.4
Vapor Pressure (mmHg.)		Melting Point	
Vapor Density (Air = 1)		Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water	Good		
Appearance and Odor	White creamy paste with faint 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 Class 1	-	-
BS 476: Part 6: 1989	Class 0		
Extinguishing Media			
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)			
Avoid contact with Aluminum.			
Hazardous Decompositions or Byproducts			
Can decompose with loss of water at 580 C to form Calcium Oxide.			
Hazardous Polymerization	May occur		Conditions to Avoid
	Will not occur		

Section 6 – Health Hazard Data

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

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Emergency and First Aid Measures:

Eye: Irrigate with water immediately. Obtain medical attention immediately.
Skin: Soap flush as soon as possible.
Swallow: May cause vomiting . Drink water and seek medical attention.

Section 7 – Precautions for Safe Handling and Use

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

Contain spill.
Shovel into bags for safe disposal.
Inform water authority if released to ground water.

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: Suitable for OEL - TWA 10mg/m3 (Total) TWA 5mg/m3 (Resp)		
Ventilation	Local Exhaust	Special
	Mechanical (General)	Other Natural ventilation to maintain dust levels below OEL.
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

ASTM - used in section 4