

ARMOURCOAT LIMITED

Material Safety Data Sheet

R13 RESIN: R13-P AND R13-S

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: 20.04.00

Section 2 – Hazard Ingredients / Identity Information

Hazardous Components	OSHA PEL*	ACGIH TLV*	Other Limits Recommended	%
No Hazard Classification according to 88/379/EEC	None	None	-	-

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Section 3 – Physical / Chemical Characteristics

Boiling Point	100 C	Specific Gravity (H ₂ O = 1)	-
Vapor Pressure (mmHg.)	As water	Melting Point	N/A
Vapor Density (Air = 1)	1.04 @ 20 C	Evaporation Rate (Butyl Acetate = 1)	-
Solubility in Water	Highly soluble		
Appearance and Odor	Milky white liquid		

Section 4 – Fire & Explosion Hazard Data

Flash Point Method Used:	Flammable Limits Non Flammable	LEL -	UEL -
Other tests: ASTM E84-98 (NFPA 255, ANSI/UL 723 / UBC 8-1)	FSI = 10.4 SDI = 9.3		
BS 476: Part 6: 1989	Class 0		
Extinguishing Media: Water, Foam, Dry Powder, Water			
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	X
Health Hazards (Acute and Chronic)			
Eye Contact - Irritant			
Skin - Dermatitis if use repeatedly			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
-	-	-	-
Signs and Symptoms of Exposure:			
N/A.			
Medical Conditions Generally Aggravated by Exposure:			

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Irritation to skin possibly leading to dermatitis.

Emergency and First Aid Measures:

Eye: Irrigate with water immediately. Obtain medical attention if symptoms persist.
Skin: Soap flush as soon as possible.
Breathing: Remove to fresh air
Swallow: Drink plenty of water and obtain medical advice.

Section 7 – Precautions for Safe Handling and Use

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

Should not be washed into drains unless it leads to a suitable effluent treatment process.
Soak up residue with sand.

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 – use suitable industrial safety and hygiene practices.
Store in a cool dry place in original packaging – temperature between 5 C and 25 C..

Other Precautions: None.

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Section 8 – Control Measures

Respiratory Protection: Face mask if spraying.		
Ventilation	Local Exhaust X (If spraying)	Special
	Mechanical (General)	Other
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