

ARMOURCOAT LIMITED

Material Safety Data Sheet

WHITE WAX

Section 1

Suppliers 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	%
White Spirit, Standard	100ppm 8h TWA [LTEL] 125ppm 15min [STEL]		-	-
Turpentine, Pure Gum	100 ppm 8h TWA [LTEL] 150ppm 15min [STEL]		-	-

Identification of the preparation				
Chemical Name	CAS-No	EEC-No	Class	Weight %
WHITE SPIRIT, STANDARD	64742-82-1	2651854	R10	> 50
TURPENTINE, PURE GUM	8006-64-2	232-350-7	F;R10, Xn; R20/21/22	< 20

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Section 3 – Physical / Chemical Characteristics

Boiling Point	110 C	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mmHg.)	-	Melting Point	25 C
Vapor Density (Air = 1)	-	Evaporation Rate (Butyl Acetate = 1)	-
Solubility in Water	No		
Appearance and Odor	Amber Paste – slight odor		

Section 4 – Fire & Explosion Hazard Data

Flash Point :	Flammable Limits	LEL	UEL
38°C	Flammable	-	-
Extinguishing Media: Alcohol resistant foam, CO ₂ , powder, water spray/mist. Do NOT use water jet			
Unusual Fire and Explosion Hazards Fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health			
Special protective equipment for firefighters: Appropriate self-contained breathing apparatus may be required. Specific methods: Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.			

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Section 5 – Reactivity Data

Stability	Unstable		Conditions to Avoid High Temperatures
	Stable	X	
Incompatibility (Materials to Avoid) Oxidising agents. Strong acids. Strong Alkalines			
Hazardous Decompositions or Byproducts In a fire hazardous decomposition products such as dense black smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced			
Hazardous Polymerization	May occur		Conditions to Avoid
	Will not occur	X	

Section 6 – Health Hazard Data

Route (s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) Eye Contact - Irritant and may cause local reversible damage Skin - Irritant and Dermatitis if use repeatedly Ingestion - May result in sore throat, abdominal pain, drowsiness, nausea, vomiting and Diarrhoea. Inhalation - Irritant			
Carcinogenicity: -	NTP? -	IARC Monographs? -	OSHA Regulated? -
Signs and Symptoms of Exposure: Headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness			
Medical Conditions Generally Aggravated by Exposure:			

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May result in irritation of mucous membrane and the respiratory system and adverse renal and central nervous systems

Emergency and First Aid Measures:

Eye: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart, and seek medical advice.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvent or thinners.

Breathing: Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek advice.

Swallow: Obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Section 7 – Precautions for Safe Handling and Use

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

Exclude sources of ignition and ventilate the area.
Do not allow to enter drains or water courses. If this happens then contact the local water company immediately
Clean preferably with a detergent, avoid use of solvents.
Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth.

Waste Disposal Method:

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

Contaminated Packaging:

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

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Precautions to Be Taken in Handling and Storing:

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Keep the container tightly closed. Exclude sources of heat, sparks, and open flame.

Non sparking tools should be used.

Avoid skin and eye contact. Avoid inhalation of vapour [and spray mist].

Smoking, eating and drinking should be prohibited in areas of storage and use.

Never use pressure to empty; the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise the risk of spontaneous combustion and other fire hazards.

The product may be electrostatically charged. Use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive.

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. Refer to the guide weight indicated on the container when carrying out assessments.

Store in accordance with the conditions of the license, which is necessary under the Petroleum (Consolidation) Act. Further guidance is contained in the HSE guidance note Storage of Flammable Liquids in Containers.

Observe the label precautions. Store between [5]⁰ and [25]⁰C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly sealed and kept upright to prevent leakage

Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

Other Precautions: None.

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Section 8 – Control Measures

Respiratory Protection: If exposure to hazardous substances identified above cannot be controlled by the Provision of local exhaust ventilation and good general extraction, suitable Respiratory protective equipment should be worn.		
Ventilation X	Local Exhaust X	Special
	Mechanical (General)	Other
Protective Gloves X	Eye Protection X	
Other Protective Clothing or Equipment: Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred		
Work / Hygienic Practices: Personal hygiene important, including use of barrier creams. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulation.		

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