

# Safety Data Sheet

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**REVISION (see box 16)**

Issue : 3 11 : 06 : 2007

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
<b>Product Name</b>	<b>ALBI OVERCOAT - SATIN</b>
<b>Description</b>	A fire protection product for professional use. A clear, colourless, viscous liquid with a paint-like odour.
<b>Company</b>	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: 0151 548 5050 Emergency line: 0800 731 6 731 E-mail: <a href="mailto:techinfo@rentokil-initial.com">techinfo@rentokil-initial.com</a>

2 HAZARD IDENTIFICATION	
<b>Classification (Supply – Use) : In compliance with EC Directive 1999/45.</b>	
<b>X<sub>n</sub> HARMFUL</b>	<b>R10 Flammable.</b> <b>R20 Harmful in contact with skin.</b> <b>R36/37/38 Irritating to eyes, respiratory system and skin.</b>
<b>N DANGEROUS FOR THE ENVIRONMENT</b>	<b>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</b>
<b>Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):</b>	
Ingestion may cause nausea and vomiting, dizziness and possibly unconsciousness. Irritating to eyes and skin. Harmful by inhalation; inhalation of high vapour concentrations causes irritation of the respiratory system, nausea, dizziness and possible unconsciousness. Adverse effects on the environment are unlikely, provided that the product is used as intended.	

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)			
% w/w	Common*/Chemical Name, ELINCS/EINECS & CAS No. of Ingredients		EC 1999/45 Classification
≤1.0	Toluene EINECS : 203-625-9 CAS : 108-88-3		F : R11 X <sub>n</sub> : R63 : R48/20 : R65 X <sub>i</sub> : R38 : R67
>2.5 ≤10.0	White Spirit*/naphtha (petroleum), hydrodesulfurized heavy EINECS : 265-185-4 CAS : 064742-82-1		: R10 X <sub>n</sub> : R65 : R66 N : R51/53
>25.0 ≤50.0	Solvent naphtha (petroleum), light aromatic. EINECS : 265-199-0 CAS : 064742-95-6		X <sub>n</sub> : R65
≤1.0	Bis-phenol "A" –epichlorohydrin resin EINECS : Not known CAS : 25068-38-6		X <sub>i</sub> : R36/38 : R43 N : R51/53
>25.0 ≤50.0	1,2,4 –trimethylbenzene EINECS : 202-436-9 CAS : 95-63-6		: R10 X <sub>n</sub> : R20 X <sub>i</sub> : R36/37/38 N : R51/53
>2.5 ≤10.0	Mesitylene EINECS : 265-185-4 CAS : 064742-82-1		: R52/53
>2.5 ≤10.0	Xylene EINECS : 215-535-7 CAS : 1330-20-7		: R10 X <sub>n</sub> : R20/21 X <sub>i</sub> : R38
> 1.0 ≤2.5	Fluorinated silica EINECS : Not applicable. CAS : Not applicable.		X <sub>n</sub> : R22 N : R51/53
≤1.0	Propylbenzene EINECS : 203-132-9 CAS : 103-65-1		: R10 X <sub>n</sub> : R65 X <sub>i</sub> : R37 N : R51/53
≤1.0	Cumene EINECS : 203-132-9 CAS : 103-65-1		: R10 X <sub>n</sub> : R65 X <sub>i</sub> : R37 N : R51/53
≤1.0	Micronised wax EINECS : Not known CAS : Not known		Not classified. Substance with a Community Workplace Exposure Limit (refer to box 8).

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<b>4 FIRST-AID MEASURES (SEE ALSO "ADVERSE EFFECTS" IN BOX 2)</b>	
<b>Inhalation</b>	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
<b>Eye Contact</b>	Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention.
<b>Skin Contact</b>	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
<b>Ingestion (Swallowing)</b>	Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to ½ litre or 1 pint of water to drink. Seek medical attention.
<b>Emergency Equipment Suggested</b>	Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice "First-aid at Work".
<b>Note To Doctor</b>	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

<b>5 FIRE FIGHTING MEASURES</b>	
<b>Fire Extinguisher Type</b>	Use carbon dioxide, foam, or dry powder extinguishers. Do NOT use a water jet.
<b>Special Fire-Fighting Procedures</b>	Wear suitable personal protective equipment.
<b>Special Exposure Hazards</b>	Toxic fumes of hydrogen chloride and oxides of carbon will be evolved in the event of a fire.

<b>6 ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal Precautions (See also box 8)</b>	Wear suitable personal protective equipment.
<b>Environmental Precautions</b>	This product is classified as dangerous for the environment. Keep away from drains, surface and ground water, and soil.
<b>Clean-up Procedure (See also box 13)</b>	Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal.

<b>7 HANDLING AND STORAGE (SEE ALSO BOX 8)</b>	
<b>Handling</b>	No specific handling requirements.
<b>Storage</b>	Store in original container in a cool, dry, ventilated place out of the reach of children and away from food, drink and animal feeding stuffs.

<b>8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>Exposure Standard - Directive EC/98/24 (1<sup>st</sup> IOELV Directive)</b>	Workplace Exposure Limit (WEL) for toluene is 191 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) and 574 mg/m <sup>3</sup> short-term exposure (15 minute reference period). WEL for white spirit is 600 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average). WEL for 1,2,4 trimethylbenzene is 125 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) WEL for xylene is 220 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) and 441 mg/m <sup>3</sup> short-term exposure (15 minute reference period). WEL for cumene is 125 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) and 250 mg/m <sup>3</sup> short-term exposure (15 minute reference period). WEL for micronised wax is 10 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) for inhalable dust and 4 mg/m <sup>3</sup> long-term exposure (8 hour Time Weighted Average) for respirable dust.
<b>Engineering Controls</b>	Where exposure may occur, engineering controls, rather than the provision of Personal Protective Equipment (PPE) should be employed. On completion of a risk assessment, the following PPE may be required:
<b>Eye Protection</b>	Suitable eye protection such as goggles.
<b>Hand Protection</b>	Suitable hand protection such as gloves.
<b>Skin Protection</b>	Suitable skin protection such as coveralls.
<b>Breathing Protection</b>	Do not breathe vapour. Wear suitable respiratory protection.
<b>Environmental Exposure Controls</b>	Use only in accordance with instructions given.

<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>			
<b>Appearance and Odour</b>	A clear, colourless, viscous liquid with a characteristic paint-like odour.		
<b>pH</b>	Not applicable.	<b>Solubility in Water</b>	Immiscible.
<b>Density</b>	1.04 at 20°C	<b>Solubility in Other Solvents</b>	Miscible.
<b>Flash Point</b>	33°C	<b>Explosive Properties</b>	None.
<b>Flammability</b>	Flammable.	<b>Combustibility</b>	Combustible.
<b>Boiling Point/Range</b>	Not determined.	<b>Oxidising Properties</b>	None.
<b>Vapour Density</b>	Not determined.	<b>Evaporation Rate</b>	Not determined.
<b>Vapour Pressure</b>	Not determined.	<b>Partition Coefficient</b>	Not applicable.
<b>Viscosity</b>	>780 seconds (flow cup 3)	<b>Other Data</b>	None known.

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## 10 STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Avoid extremes of temperature, e.g. below 0°C and above 40°C.
<b>Materials to avoid</b>	Avoid contact with strong oxidising agents.
<b>Hazardous Breakdown Products</b>	Toxic fumes of hydrogen chloride and oxides of carbon will be evolved in the event of a fire.

## 11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

<b>Acute Toxicity</b>	Oral	Not determined.
	Inhalation	Not determined.
	Dermal	Not determined.
<b>Corrosivity/Irritation</b>	Skin	Not determined.
	Eyes	Not determined.
	Respiratory tract	Not determined.
<b>Sensitisation</b>	Skin	Contains less than 1% skin sensitisers in the form of Bis-phenol "A" –epichlorohydrin.
	Respiratory	Contains no known respiratory sensitisers.
<b>Repeat-Dose Toxicity</b>		Product does not contain any components known to have any effects relating to repeated-dose toxicity.
<b>Mutagenicity</b>		Product does not contain any components known to have a mutagenic effect.
<b>Carcinogenicity</b>		Product does not contain any components known to have a carcinogenic effect.
<b>Reproductive Toxicity</b>	Fertility Development	Product does not contain any components known to have effects on fertility. Contains toluene which is classified as toxic for reproduction, Category 3, at less than 1%.
<b>Other Information</b>		None known.


## 12 ECOLOGICAL INFORMATION

<b>General Information</b>	This product is classified as toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment. However, when used in accordance with instructions given, controlled release of this product is not expected to cause environmental contamination.
<b>Ecotoxicity Data</b>	For aromatic solvent: LC <sub>50</sub> (96 hrs) fish: 1-10 mg/L EC <sub>50</sub> (48 hrs) <i>Daphnia</i> : 1-10 mg/L IC <sub>50</sub> (72 hrs) algae: 1-10 mg/L For white spirit: LC <sub>50</sub> (96 hrs) fish: 10 mg/L COD: 0.47g O <sub>2</sub> per gram white spirit.
<b>Mobility</b>	The product and its components are immiscible in water. The product is likely to spread over the surface of water and evaporate.
<b>Persistence and Degradability</b>	This product is likely to biodegrade.
<b>Bioaccumulative Potential</b>	Not determined.
<b>Other Adverse Effects</b>	None known.

## 13 DISPOSAL CONSIDERATIONS

<b>Disposal of Waste / Containers</b>	This product is dangerous for the environment. Do not discharge waste washings or waste product to sewers, drains or watercourses.
<b>Classification</b> (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	<b>Hazard Code:</b> H3B: Flammable, H4: Irritant, H5: Harmful, H14: Ecotoxic <b>Components making the waste hazardous</b> Toluene ≤ 1 Xylene >2.5 ≤ 10.0 1,2,4-trimethylbenzene >25.0 ≤ 50.0 Propylbenzene ≤ 1 Cumene ≤ 1 Bis-phenol "A" –epichlorohydrin resin ≤ 1
<b>Note for Disposal</b>	For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: +44 (0) 870 850 6506.

**14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)**

<b>UN No.</b>	UN1263	<b>Tremcard Reference No.</b>	30GF1-III OR 30GF1-sp	<b>RIS Code</b>
<b>Transport Category</b>	3	<b>UK Hazchem EAC</b>	3Y	0050, PSA99, PSA126, PSA129
<b>ADR 2007 (International Road) Proper Shipping Name</b>	<b>Class 3</b>	<b>ADR HIN 30</b>		<b>Labels</b>
<b>Limited Quantity Exemptions</b>	PAINT	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg. Combination packs only.		
<b>Special Requirements</b>	Not required.	<b>Packing Group III</b>		
<b>IMDG 2006 (Sea) Proper Shipping Name</b>	<b>Class 3</b>	<b>IMDG EMS F-E, S-E</b>		
<b>Limited Quantity Exemptions</b>	PAINT	Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30kg. Combination packs only.		
<b>Special Requirements</b>	Not required.	<b>Packing Group III</b>		
<b>Note for Transport</b>	Local, State or National requirements may apply to the carriage of this product.			

**15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))**

<b>Safety Phrases</b>	S23: Do not breathe vapour. S24/25: Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37: Wear suitable gloves. S43: In case of fire use foam, dry powder or carbon dioxide. Never use water-jets. S46: If swallowed seek medical advice immediately and show this container or label S51: Use only in well ventilated areas. S60: This material and its container must be disposed of as hazardous waste.
<b>Additional Label Phrases</b>	Contains Bis-phenol "A"-epichlorohydrin resin. May produce an allergic reaction.
<b>Legislation</b>	Labelling is in accordance with UK regulations implementing the EC Directive 1999/45. Additional labelling requirements may be necessary in accordance with other National legislation. Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times. The information given on this Safety Data Sheet (SDS) <b>does not</b> constitute an assessment in accordance with Control of Substances Hazardous to Health (COSHH) Regulations 2002, in the UK. Other National measures or guidance should be followed where appropriate.

**16 Other Information and indication of revisions**

<b>Packaging Information</b>	5 litre tin plate lever lid tins fitted with clips.
<b>Revisions</b>	Changes have been made to the content of boxes 01, 02, 03, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue 02.
<b>Risk phrase text</b> (From box 3 - These refer to the ingredients only. See box 2 for the product risk phrases)	R10 : Flammable. R11 : Highly flammable. R20 : Harmful by inhalation. R20/21 : Harmful by inhalation and in contact with skin. R36/37/38 : Irritating to eyes, respiratory system and skin. R36/38 : Irritating to eyes and skin. R38 : Irritating to skin. R43 : May cause sensitisation by skin contact. R48/20 : Harmful: danger of serious damage to health by prolonged exposure. R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63 : Possible risk of harm to unborn child. R65 : Harmful: may cause lung damage if swallowed. R66 : Repeated exposure may cause skin dryness or cracking. R67 : Vapours may cause drowsiness and dizziness.

**ALBI OVERCOAT - MATT**

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**Before using any product, ensure that you read and understand its label.**

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