

Safety Data Sheet

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
Product Name	ALBI™ STEEL – PLUS
Description	A fire protection coating for professional use. The product is a white liquid. For interior use only. An intumescent coating for use on structural steel.
Company	Rentokil Initial Supplies, Liverpool, L33 7SR. ALBI Helpline: 0151 546 5131 Emergency line: 0800 731 6 731 E-mail: orders@ri-supplies.com

2 HAZARD IDENTIFICATION
Classification (Supply – Use) : In compliance with EC Directive 1999/45.
Not classified
Adverse Physical, Chemical, Significant Human Health and Environmental Effects (See also box 11):
None expected under normal conditions of handling and use.

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)		
% w/w	Common*/Chemical Name, ELINCS/EINECS & CAS No. of Ingredients	EC 1999/45 Classification
>2.5 ≤10.0	Pentaerythritol EC : 204-104-9 CAS : 115-77-5	Not classified. Substance with a Community Workplace Exposure Limit (refer to box 8).
> 1.0 ≤2.5	2-(2-butoxyethoxy)ethanol EC : 203-961-6 CAS : 112-34-5	X _i : R36

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4 FIRST-AID MEASURES (SEE ALSO “ADVERSE EFFECTS” IN BOX 2)	
Inhalation	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
Eye Contact	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.
Skin Contact	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
Ingestion (Swallowing)	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.
Emergency Equipment Suggested	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”.
Note To Doctor	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

5 FIRE FIGHTING MEASURES	
Fire Extinguisher Type	Use foam, water spray, or dry chemical extinguishers.
Special Fire-Fighting Procedures	Wear suitable personal protective equipment.
Special Exposure Hazards	In event of fire cool tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

6 ACCIDENTAL RELEASE MEASURES	
Personal Precautions (See also box 8)	Wear suitable personal protective equipment.
Environmental Precautions	Keep away from drains, surface and ground water, and soil.
Clean-up Procedure (See also box 13)	Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal. After spillage has been removed clean area with a detergent; avoid use of solvents.

7 HANDLING AND STORAGE (SEE ALSO BOX 8)	
Handling	Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than WEL (see box 8). Product should be used in areas from which all naked lights and other sources of ignition have been excluded.
Storage	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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure Standard - Directive EC/98/24 (1st IOELV Directive)	Workplace Exposure Limit (WEL) for pentaerythritol is 10 mg/m ³ long-term exposure (8 hour Time Weighted Average) and 20 mg/m ³ short-term exposure (15 minute reference period).
Engineering Controls	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:
Eye Protection	Not indicated by product classification.
Hand Protection	Not indicated by product classification.
Skin Protection	Not indicated by product classification.
Breathing Protection	Not indicated by product classification.
Environmental Exposure Controls	Use only in accordance with instructions given

9 PHYSICAL AND CHEMICAL PROPERTIES			
Appearance and Odour	A white liquid with a paint like odour.		
pH	Not applicable.	Solubility in Water	Partially.
Density	1.4 g/cm ³	Solubility in Other Solvents	Not determined.
Flash Point	100°C	Explosive Properties	Not applicable.
Flammability	Non-flammable.	Combustibility	Not determined.
Boiling Point/Range	Starts at ca. 100°C	Oxidising Properties	Not determined.
Vapour Density	Not determined.	Evaporation Rate	Not determined.
Vapour Pressure	0.0hPa	Partition Coefficient	Not applicable.
Viscosity	100 s (at 23°C)	Other Data	Content of volatile components (including water) 32.6%. Auto Ignition temperature: 390-658°C

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14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	Not classified.	Tremcard Reference No.	Not required.	RIS Code
Transport Category	Not required.	UK Hazchem EAC	Not required.	N/A
ADR 2007 (International Road)	Class Not required.	ADR HIN	Not required.	Labels Not required.
Proper Shipping Name	Not required.			
Limited Quantity Exemptions	Not required.			
Special Requirements	Not required.		Packing Group Not required	
IMDG 2006 (Sea)	Class Not required.	IMDG EMS	Not required.	Not required.
Proper Shipping Name	Not required.			
Limited Quantity Exemptions	Not required.			
Special Requirements	Not required.		Packing Group Not required.	
Note for Transport	Local, State or National requirements may apply to the carriage of this product.			

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))	
Safety Phrases	Safety phrases are not required.
Additional Label Phrases	Safety data sheet available for professional user on request.
Legislation	<p>Labelling is in accordance with UK regulations implementing the EC Directive 1999/45.</p> <p>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.</p> <p>The information given on this Safety Data Sheet (SDS) does not 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.</p>

16 Other Information and indication of revisions	
Packaging Information	A white 5 litre or 20 litre steel drum with a coated interior.
Revisions	Not applicable.
Risk phrase text	R36: Irritating to eyes.

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

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

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