

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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HumiSeal 1B31

Revision 17

Revision date 2011-02-11

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name HumiSeal 1B31

1.3. Details of the supplier of the safety data sheet

Company	HumiSeal Europe
Address	Alasan House Albany Park Frimley Road Camberley Surrey GU16 7PH United Kingdom www.humiseal.com
Telephone	+44 (0)127 6691100
Fax	+44 (0)127 6691227
Email	techsupport@chasecorp.com

Local Supplier

Company	Humiseal Europe
Address	Frimley Road Camberley Surrey
Telephone	+44 (0)127 6691100
Fax	+44 (0)127 6691227

1.4. Emergency telephone number

Emergency telephone number	+44 (0)127 6691100
Company	David Greenman 0800-1730

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F; R11 Xn; R48/20-63-65 Xi; R38 R67

Main hazards Highly flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Toluene	601-021-00-3	108-88-3	203-625-9			F; R11 Repr. Cat. 3; R63 Xn; R48/20-65 Xi; R38 R67
Butanone	606-002-00-3	78-93-3	201-159-0			F; R11 Xi; R36 R66 R67

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO ₂), Dry chemical, Foam.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in original container. Store at temperatures between 5 °C and 25 °C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Butanone	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m ³ : 600
	WEL 15 min limit ppm: 300	WEL 15 min limit mg/m ³ : 899
Toluene	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 191
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 384

8.2. Exposure controls

8.2.2. Individual protection measures

Eye / face protection	Avoid contact with eyes and skin.
	Avoid contact with eyes. In case of splashing, wear: Safety glasses.

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8.2. Exposure controls

Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear suitable respiratory equipment when necessary. Wear.: Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Aromatic
Boiling point	82
Flash point	1

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable.
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10.3. Possibility of hazardous reactions

	Strong oxidising agents.
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10.6. Hazardous decomposition products

	Carbon oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes, respiratory system and skin.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause dermatitis.

SECTION 12: Ecological information


SECTION 13: Disposal considerations

General information

	Dispose of as special waste in compliance with local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

Hazard pictograms	
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14.1. UN number

	UN1263
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14.2. UN proper shipping name

Proper Shipping Name	PAINT RELATED MATERIAL
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14.3. Transport hazard class(es)

ADR/RID	3
IMDG	3
Subsidiary risk	-
IATA	3



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14.3. Transport hazard class(es)	
Subsidiary risk	-
14.4. Packing group	
Packing group	II
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	33
Tunnel Category	D/E
IMDG	
EmS Code	F-E S-E
IATA	
Packing Instruction (Cargo)	Y305
Maximum quantity	1 L
Packing Instruction (Passenger)	305
Maximum quantity	5 L

SECTION 15: Regulatory information

Labelling	
Symbols	F: Highly flammable. Xn: Harmful.  
Risk phrases	R11 - Highly flammable. R38 - Irritating to skin. R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63 - Possible risk of harm to the unborn child. R65 - Harmful: may cause lung damage if swallowed. R67 - Vapours may cause drowsiness and dizziness.
Safety phrases	S16 - Keep away from sources of ignition - No smoking. S25 - Avoid contact with eyes. S29 - Do not empty into drains. S33 - Take precautionary measures against static discharges. S9 - Keep container in a well-ventilated place.

SECTION 16: Other information

Other information	
Revision	This document differs from the previous version in the following areas: 14 - adr/rid.
Text of risk phrases in Section 3	R11 - Highly flammable. R36 - Irritating to eyes. R38 - Irritating to skin. R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R53 - May cause long-term adverse effects in the aquatic environment. R63 - Possible risk of harm to the 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.

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Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The information provided relates only to the product or material specified and does not apply if used in combination with other materials. Handle and store under inert gas. This product is not properly labelled for sale or use outside the EU.