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solutions for industry...

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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k1015 Silicone Spray Aerosol

Revision 2

Revision date 2015-07-17

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

1.1. Product identifier

Product name	k1015 Silicone Spray Aerosol
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk
Email address of the competent person	sales@assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD 24hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	F+; R12 Symbols: F+: Extremely flammable.
Main hazards	Extremely flammable.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed.

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2.2. Label elements

Precautionary Statement: Response	P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P332+P313 - If skin irritation occurs: Get medical advice/attention. P370+P378 - In case of fire: Use suitable media to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES

2.3. Other hazards

Other hazards	SPILLAGE OR OVER-SPRAY WILL RESULT IN EXTREMELY SLIPPERY SURFACES BEING PRODUCED AND ACCOMPANYING SLIP HAZARDS.
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Further information

	Extremely flammable aerosol. HARMFUL IN INHALED. May cause drowsiness or dizziness. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flame or any other incandescent material.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Butane	601-004-00-0	106-97-8	203-448-7		20 - 30%	F+; R12	
Isobutane	601-004-00-0	75-28-5	200-857-2		20 - 30%	F+; R12	
Propane	601-003-00-5	74-98-6	200-827-9		20 - 30%	F+; R12	
POLYDIMETHYLSILOXANE		63148-62-9			1 - 10%		

EC 1272/2008

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Butane	601-004-00-0	106-97-8	203-448-7		20 - 30%	Flam. Gas 1: H220;	
Isobutane	601-004-00-0	75-28-5	200-857-2		20 - 30%	Flam. Gas 1: H220;	
Propane	601-003-00-5	74-98-6	200-827-9		20 - 30%	Flam. Gas 1: H220;	
POLYDIMETHYLSILOXANE		63148-62-9			1 - 10%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	ingestion unlikely because of the nature of the goods. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

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General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2). Alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

	Vapour may travel considerable distance to source of ignition and flash back. Aerosol. Flammable gas. Heat will increase pressure in sealed containers.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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Further information

	Butane air mixtures of 1.8-9.0% are explosive, aerosol cans may explode in a fire. .
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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. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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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. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Never puncture or incinerate cans even when empty.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Butane	WEL 8-hr limit ppm: 600	WEL 8-hr limit mg/m3: 1450
	WEL 15 min limit ppm: 750	WEL 15 min limit mg/m3: 1810
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Isobutane	WEL 8-hr limit ppm: 800	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm: 800	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

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DNEL: Derived no-effect level.

No data is available on this product.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Not normally required.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Not normally required. Wash hands after handling the product.
Respiratory protection	Do not breathe gas/fumes/vapour/spray.

Further information

Do not expose to temperatures exceeding 50°C/ 122°F.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol
Colour	Clear
Odour	Mild
Flash point	< -50
Solubility	Insoluble in water

9.2. Other information

Specific gravity	0.6
VOC (Volatile organic compounds)	> 90

SECTION 10: Stability and reactivity

10.1. Reactivity

Avoid sparks, flames, heat and sources of ignition.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames. Do not expose to temperatures exceeding 50°C/ 122°F.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	deliberate inhalation of high concentrations can cause unconsciousness and can be fatal.
Skin corrosion/irritation	May cause irritation to eyes. May cause irritation to skin.

SECTION 12: Ecological information

12.2. Persistence and degradability

The propellant evaporates rapidly however the residue is not readily biodegradable.

12.6. Other adverse effects

May cause long-term adverse effects in the environment.

SECTION 13: Disposal considerations

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General information

	Dispose of in compliance with all local and national regulations, DO NOT BURN. .
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1950
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14.2. UN proper shipping name

	AEROSOLS
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14.3. Transport hazard class(es)

ADR/RID	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63

14.4. Packing group

Packing group	-
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-D S-U
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IATA

Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	<p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Approved Code of Practice Safety Data Sheets for substances and Preparations, Classification and Labelling of Substances and Preparations Dangerous for supply. Guidance Notes</p> <p>Workplace Exposure Limits EH40</p>
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	<p>EU Legislation</p> <p>Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC), 793/93 and Commission Regulation (EC) No 1488/94 and as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>Regulation (EC) no 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (E/C) No 1907/2006 with amendments.</p> <p>National Regulations</p> <p>The Aerosol Dispensers Regulations 2009 SI 2824) The Aerosol Dispensers (EEC Requirements) (Amendment) Regulations 1996 (SI 1996 No 2421). Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous with waste with amendments.</p> <p>Health and Environmental Listings.</p> <p>Regulation EC 689/2008 concerning the export and import of dangerous chemicals.</p> <p>Water hazard classification</p> <p>WGK 1. 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</p>
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15.2. Chemical safety assessment

	No chemical Safety assessment has been carried out by the supplier.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 1 - REACH. 2 - Precautionary Statement: Response. 8 - DNEL: Derived no-effect level.
Text of risk phrases in Section 3	R12 - Extremely flammable.
Text of Hazard Statements in Section 3	Flam. Gas 1: H220 - Extremely flammable gas.
Maximum content of VOC	90.

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. THIS PRODUCT IS ALSO AVAILABLE WITH AN ADDITIVE TO INHIBIT DRYING TIME UP ON REQUEST. (THE ADDITIVE WILL NOT ALTER THE OVERALL CLASSIFICATION).
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