

SAFETY DATA SHEET

AIR PURGE SPRAY OT1001

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Compilation date: 26/04/2014

Revision No: 1

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

1.1. Product identifier

Product name: AIR PURGE SPRAY OT1001

Product code: AIRPURGE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Air purge spray for polyurethane components.

1.3. Details of the supplier of the safety data sheet

Company name: Polymed Limited

1 & 2 Clos Menter

Western Avenue

Cardiff

CF14 3AY

United Kingdom

Tel: +44 (0) 29 2052 1234

Fax: +44 (0) 29 2052 1221

Email: enquiries@polymed.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 29 2052 1234

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Aerosol 1: H222; Flam. Gas 1: H220; Press. Gas: H280

Most important adverse effects: Extremely flammable gas. Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

2.2. Label elements

Label elements:

Hazard statements: H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H280: Contains gas under pressure; may explode if heated.

Signal words: Danger

Hazard pictograms: GHS02: Flame



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Precautionary statements: P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: PETROLEUM GASES, LIQUEFIED

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Get medical attention if any discomfort continues.

Eye contact: Suitable emergency eyewash facilities should be immediately available. Bathe the eye with running water for 15 minutes. Get medical attention promptly if symptoms persist or occur after washing.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. Move to fresh air in case of accidental inhalation of vapours. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Skin irritation is not anticipated when used correctly.

Eye contact: Spray and vapour in the eyes may cause irritation and smarting.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties. No acute health effect anticipated due to chemical composition.

Inhalation: In high concentrations, vapours are narcotic and may give rise to headache, fatigue, dizziness and nausea. Arrhythmia (deviation from normal heart beat) may also occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Alcohol or polymer foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Extremely flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. Pressurised container, may explode in a fire.

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5.3. Advice for fire-fighters

Advice for fire-fighters: Use waterspray to cool containers exposed to heat. Containers close to the fire should be transferred to a safe place. Use water spray to reduce vapours.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition. Do not smoke. Isolate area. Keep unnecessary and unprotected personnel away from area. Use appropriate personal protective equipment. Ensure adequate ventilation.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Provide ventilation and confine spill. Absorb with dry sand, earth, vermiculite or proprietary absorbent. Do not use equipment in clean-up procedure which may produce sparks. Place contaminated absorbent in a vented container to await disposal.

6.4. Reference to other sections

Reference to other sections: See sections 7, 8, 11, 12 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid inhalation of vapours and spray mists. Keep away from heat, sparks and naked flames. Do not spray on a naked flame or an incandescent surface. The vapours can be ignited.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Extremely flammable. Store in a cool, well ventilated area. Keep away from sources of ignition. Pressurised container, protect from sunlight and do not expose to temperatures exceeding 50oC. Do not pierce or burn even after use.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): See section 1 Identified uses.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

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Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1750 mg/m ³	2180 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: For periods of intensive use or prolonged exposure time, self contained respiratory protection must be used. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves. Manufacturers directions for use should be observed because of great diversity of types.

Eye protection: Safety glasses with side-shields. Safety goggles. Face-shield. Ensure eye washing facilities are to hand

Skin protection: Protective clothing. For prolonged use consider using impervious cuffs, arm covers and aprons. When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Not applicable

Oxidising: Not applicable

Solubility in water: Insoluble

Also soluble in: Not applicable.

Viscosity: Not applicable.

Viscosity test method: Not applicable.

Boiling point/range°C: -41

Melting point/range°C: Not available

Flammability limits %: lower: 1.8

upper: 9.5

Flash point°C: -40

Part.coeff. n-octanol/water: Not available

Autoflammability°C: 495

Vapour pressure: Not available

Relative density: 0.56

pH: Not available

VOC g/l: Not applicable

9.2. Other information

Other information: No data available.

[cont...]

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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Chemically stable blend, but highly volatile.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Heat. Flames. Sources of ignition. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
VAPOURS	RAT	4H LC50	>20	mg/l

Symptoms / routes of exposure

Skin contact: Skin irritation is not anticipated when used correctly.

Eye contact: Spray and vapour in the eyes may cause irritation and smarting.

Ingestion: It is unlikely that this substance will be swallowed due to its physical properties. No acute health effect anticipated due to chemical composition.

Inhalation: In high concentrations, vapours are narcotic and may give rise to headache, fatigue, dizziness and nausea. Arrhythmia (deviation from normal heart beat) may also occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

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12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Any disposal practices must be in compliance with all local, national and international laws and regulations.

Disposal of packaging: Make sure containers are empty before discarding. Do not puncture or incinerate even when empty. Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H280: Contains gas under pressure; may explode if heated.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. Please ensure this datasheet is passed to the appropriate person in your company, who is capable of acting on the information.