



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

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

1.1. Product identifier

Product Name Magma BituSeal Aerosol
Container Size 750 ml

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

Identified Uses Sealer
Uses advised against No advised against specific uses are identified.

1.3. Details of the supplier of the safety data sheet

Supplier
MHL Group, (Trading name of Meon Ltd.
Railside
Northharbour Spur
Portsmouth
PO6 3TU
+44 (0) 23 9220 0606
mail@meonuk.com

1.4. Emergency Telephone Number

Emergency telephone +44 (0) 808 118 1922

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Flammable Aerosol 1 - H222
Human health Acute Toxicity 4 - H312; Acute Toxicity 4 - H332
Environment Aquatic Chronic 3 - H412
Classification (1999/45/EEC) Xn;R20/21. F+;R12. R52/53.

2.2. Label Elements

Label In Accordance With (EC) No. 1272/2008
Signal word Danger
Hazard pictogram GHS07 - Exclamation mark
GHS02 - Flame



Magma BituSeal Aerosol

Label information(s)	H229 – Pressurised container. May burst if heated. SOL007 – Contains Xylene (mixture of isomers)
H- statement(s)	H222 – Extremely flammable aerosol. H312 – Harmful in contact with skin. H332 – Harmful if inhaled. H412 – Harmful to aquatic life with long lasting effects.
P- statement(s)	P102 – Keep out of reach of children. P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking. P261 – Avoid breathing vapour/spray. P271 – Use only outdoors or in a well-ventilated area. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P302+352 – IF ON SKIN: Wash with plenty of soap and water. P501 – Dispose of contents/container in accordance with local regulations. P211 – Do not spray on an open flame or other ignition source. P251 – Pressurized container: Do not pierce or burn, even after use. P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 – Call a POISON CENTER or doctor/physician if you feel unwell. P410+412 –Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
2.3. Other hazards	Non-applicable

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BUTANE CAS-No.: 106-97-8	EC No.: 203-448-7	5-10%
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
DIMETHYL ETHER CAS-No.: 115-10-6	EC No.: 204-065-8	10-30%
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
ISOBUTANE CAS-No.: 75-28-5	EC No.: 200-857-2	1-5%
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
PROPANE CAS-No.: 74-98-6	EC No.: 200-827-9	5-10%
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12	
WHITE CAS-No.: 64742-82-1	EC No.: 919-446-0	5-10%
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65	
XYLENE CAS-No.: 1330-20-7	EC No.: 215-535-7	10-30%
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38	

For the wording of the listed risk phrases (R-H) refer to section 16.

SECTION 4: First aid measures

Magma BituSeal Aerosol

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In general	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.
Eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.
Skin contact	Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Ingestion	Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

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

No data available.

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

No data available.

SECTION 5: Firefighting measures

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Suitable extinguishing media Powder, dry chemicals, sand, dolomite, etc.
Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards
Aerosol cans may explode in a fire.

5.3. Advice for firefighters

Containers close to fire should be removed or cooled with water.
Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No data available.

6.2. Environmental precautions

No data available.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment.
Extinguish all ignition sources.
Avoid sparks, flames, heat and smoking.
Ventilate.
Let evaporate.
Keep out of confined spaces because of explosion risk.
If leakage cannot be stopped, evacuate area.

6.4. Reference to other sections

No data available.

SECTION 7: Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions on safe handling

Keep away from heat, sparks and open flame.
Avoid spilling on skin and contact in the eyes.
Ventilate well. Avoid breathing vapours.

Magma BituSeal Aerosol

Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

7.3. Specific and uses

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Butane	WEL	600 ppm	1450 mg/m ³	750 ppm	1810 mg/m ³	
Dimethyl Ether	WEL	400 ppm	766 mg/m ³	500 ppm	958 mg/m ³	
Isobutane	WEL	800 ppm		800 ppm		
Propane		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating	
White Spirit			600 mg/m ³			
Xylene	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Engineering Measures

Provide adequate general and local exhaust ventilation.

Eye Protection

Use eye protection.



Hand Protection

Use protective gloves



Respiratory Equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Skin and Body Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

General protective and hygienic measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using this product, do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol
Colour	Black
Odour	Characteristic
Solubility	Insoluble in water
Flammability Limit - Lower(%)	0.8
Flammability Limit - Upper(%)	9.0

9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Magma BituSeal Aerosol

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

10.5. Incompatible materials

Reacts with hypochlorites (bleach) to give off toxic fumes of chlorine.

10.6. Hazardous decomposition products

Fire creates vapours/gases/fumes of Carbon monoxide (CO) and Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation	May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Harmful by inhalation. Irritating to respiratory system.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
Skin contact	Harmful in contact with skin. Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
Eye contact	Irritating to eyes. May cause chemical eye burns.
Route of entry	Inhalation, skin and/or eye contact.

11.1.2. Mixture

No data is available for this product.

SECTION 12: Ecological information

Ecotoxicity Dangerous for the environment if discharged into watercourses.

12.1. Toxicity

No data is available for this product.

12.1.1 Substances

No data is available for this product.

12.1.2. Mixtures

No data is available for this product.

12.2. Persistence and degradability

No data is available for this product.

12.2.1. Substances

No data is available for this product.

12.3. Bioaccumulative potential

No data is available for this product.

12.4. Mobility in soil

No data is available for this product.

12.5. Results of PBT and vPvB assessment

No data is available for this product.

12.6. Other adverse effects

No data is available for this product.

SECTION 13: Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for Air Transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

Magma BituSeal Aerosol

14.1. UN number

1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)



14.4. Packing group

Not Applicable

14.5. Environmental hazards

Environmentally hazardous No

Marine Pollutant No

14.6. Special precautions for user

EMS F-D, S-U

Tunnel Restriction Code (D)

14.7. Transport in bulk according to Annex II of MARPOL3/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

UK Regulatory References

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

Statutory Instruments

Control of Substances Hazardous to Health.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out by the supplier.

SECTION 16: Other information

Risk Phrases in Full:

R12 – Extremely flammable.

R10 – Flammable.

R20/21 – Harmful by inhalation and in contact with skin.

R52/53 – Harmful to aquatic organisms: may cause long-term adverse effects in the aquatic environment.

R65 – Harmful: may cause lung damage if swallowed.

R38 – Irritating to skin.

R66 – Repeated exposure may cause skin dryness or cracking.

R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements in Full:

H372 – Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

H315 – Causes skin irritation.

H222 – Extremely flammable aerosol.

H220 – Extremely flammable gas.

H226 – Flammable liquid and vapour.

Magma BituSeal Aerosol

- H332 – Harmful if inhaled.
- H312 – Harmful in contact with skin.
- H412 – Harmful to aquatic life with long lasting effects.
- H304 – May be fatal if swallowed and enters airways.
- H336 – May cause drowsiness or dizziness.
- H411 – Toxic to aquatic life with long lasting effects.
- EUH066 – Repeated exposure may cause skin dryness or cracking.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.