

SAFETY DATA SHEET

Aerosol Plastic Primer

Date: 26-06-2017

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SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product Identifier

Product name: Aerosol Plastic Primer
Product Code: FL6002

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

Intended use: For Industrial spraying.

1.3 Details of supplier of the safety data sheet

Details of company: FLP Group
Unit 1 Clayfields Industrial Estate
Tickhill Road
Doncaster
DN4 8QG
+44 (0) 1302 571571
sales@flpgroup.co.uk

1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: Ex. Flam. Aero: H222+H229; Acute Tox. 4: H312+H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; STOT RE 2: H373;
Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated.

2.2 Label elements

Hazard statements: H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H312+H332 Harmful in contact with skin or if inhaled
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation
H373 May cause damage to organs through prolonged or repeated exposure.
Signal words: Warning
Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard



Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe fume/gas/mist/vapours/spray.
P280 Wear protective gloves/clothing and eye/face protection.
P312 Call a POISON CENTER/ doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Contains:

Aromatic hydrocarbons, C8

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2.3 Other hazards

Other hazards:

No other known hazards.

PBT:

This substance is not identified as a PBT substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

EC	CAS	CLP Classification	Percent
Aromatic hydrocarbons, C8 REACH No.: 01-2119486136-34			
292-694-9	90989-38-1	Flam. Liq. 3 H226; Dermal Acute Tox. 4 H312; Inhal Acute Tox. 4 H332; Asp. Tox. 1 H304; Skin Irrit. 2 H315; Eye Irrit. 2 H319; STOT SE 3 H335; STOT RE 2 H373	50-65%
dimethyl ether REACH No.: 01-2119472128-37			
204-065-8	115-10-6	Flam. Gas 1 H220; Press. Gas H280	30-40%
Chlorobenzene			
203-628-5	108-90-7	Flam. Liq. 3 H226; C2 Aquatic Chronic 2 H411; Inhal Acute Tox. 4 H332	0.1-0.5%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact:

Remove contaminated clothing immediately and dispose of safely. After contact with skin, wash immediately with soap and plenty of water.

Eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

Ingestion:

Do NOT induce vomiting.

Inhalation:

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of inhalation, consult a doctor immediately and show him packing or label

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or un-wellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media:

CO2, powder extinguisher, foam, water spray

Extinguishing media which must not be used for safety reasons: Water jet.

5.2 Special hazards arising from the substance or mixture

Burning produces heavy smoke. Do not inhale explosion and/or combustion gases (carbon monoxide, carbon dioxide, oxides of nitrogen)

5.3 Advice for fire-fighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove all sources of ignition. Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8.

6.2 Environmental precautions

Environmental precautions: Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Suitable material for collection: inert absorbent material (e.g. sand, vermiculite) after the product has been recovered, rinse the area and materials involved.

6.4 Reference to other sections

Reference to other sections: See also section 8 and 13

SECTION 7: HANDLING & STORAGE

7.1 Precautions for safe handling

Handling requirements: Avoid contact with skin and eyes, inhalation of vapours and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Always keep in a well ventilated place. Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight. Avoid accumulating electrostatic charge. Keep away from food, drink and feed. Possible gas micro leaks will go down and, if mixed with air and in presence of primers, may become deflagrating. See chapter 10.5 Instructions as regards storage premises: Keep container tightly closed in a cool, well-ventilated place, away from heat.

7.3 Specific end use(s)

Specific end use(s): See chapter 1.2.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Aromatic hydrocarbons, C8 - CAS: 90989-38-1

ACGIH - LTE: 434 mg/m³, 100 ppm - STE: 651 mg/m³, 150 ppm

Dimethyl ether - CAS: 115-10-6

EU - LTE (8h): 1920 mg/m³, 1000 ppm - Notes: Bold-type: Indicative Occupational

Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

WEL -- Country: UNITED KINGDOM - LTE: 766 mg/m³, 400 ppm - STE: 958 mg/m³, 500 ppm

Chlorobenzene - CAS: 108-90-7

WEL -- Country: UNITED KINGDOM, 1 ppm, 3 ppm

EU - LTE (8h): 23 mg/m³, 5 ppm - STE: 70 mg/m³, 15 ppm - Notes: Bold-type: Indicative

Occupational Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

ACGIH, 10 ppm - Notes: A3, BEI - Liver dam

DNEL Exposure Limit Values

Aromatic hydrocarbons, C8 - CAS: 90989-38-1

Worker Professional: 0.077 mg/l - Consumer: 0.0148 mg/l - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 180 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

Hydrocarbons, C9, aromatics

Worker Professional: 25 mg/l - Consumer: 11 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Professional: 0.150 mg/l - Consumer: 0.032 mg/l - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

Aromatic hydrocarbons, C8 - CAS: 90989-38-1

Target: Marine water - Value: 0.327 mg/l

Target: Fresh Water - Value: 0.327 mg/l

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Fresh Water - Value: 12.46 mg/kg

Target: Soil (agricultural) - Value: 2.31 mg/kg

8.2 Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Skin protection:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or Viton.

Hands protection, Suitable material:

NBR (nitrile rubber), FKM (fluoro rubber). The selection of suitable gloves does not only depend on the material, but also on other quality characteristics and varies from manufacturer to another one, and on the manner and times of use of the mixture.

Respiratory protection:

Combination filtering device (DIN EN 141).

Environmental exposure controls:

See chapter 6.2

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance and colour: under pressure coloured liquid

Odour: of solvent

Odour threshold: not available

pH: not available

Melting point / freezing point: not available

Initial boiling point: <35 °C

Solid/gas flammability: not available

Flammability or explosive limits: not available

Vapour density: not available

Flash point: <-1°C

Evaporation rate: not available

Vapour pressure: not available

Relative density: 0.74 ± 0.01

Solubility in water: not soluble

Solubility in oil: not available

Partition coefficient: not available

Auto-ignition temperature: not available

Decomposition temperature: not available

Viscosity: not available

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Explosive properties: none
Oxidizing properties: none

9.2 Other information

Miscibility: not available
Conductivity: not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity: Stable under normal conditions

10.2 Chemical stability

Chemical stability: Stable under normal conditions.

10.3 Possibilities of hazardous reactions

Hazardous reactions: Because of heat or fire the preparation can release carbon oxides and vapours which may be harmful to health.

10.4 Conditions to avoid

Conditions to avoid: Avoid to keep near heat sources

10.5 Incompatible materials

Materials to avoid: Avoid contact with oxidizing materials or powerful oxidising agents. The product could catch fire. See chapter 10.3

10.6 Hazardous decomposition products

Hazardous decomposition products: No hazardous decomposition products when stored and handled correctly. See chapter 5.2

SECTION 11: TOXICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information of the main substances found in the mixture:

Aromatic hydrocarbons, C8 - CAS: 90989-38-1

a) Acute toxicity:

Test: LC50 - Route: Inhalation Vapour - Species: Rat 27124 mg/m³ - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat 3223 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit 12126 mg/kg

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) Acute toxicity;
- b) Skin corrosion/irritation;
- c) Serious eye damage/irritation;
- d) Respiratory or skin sensitisation;
- e) Germ cell mutagenicity;
- f) Carcinogenicity;
- g) Reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) Aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Aromatic hydrocarbons, C8 - CAS: 90989-38-1

a) Aquatic acute toxicity:

Endpoint: IC50 - Species: Algae 2.2 mg/l - Duration h: 72
Endpoint: EC50 - Species: Daphnia 1.0 mg/l - Duration h: 24
Endpoint: LC50 - Species: Fish 2.6 mg/l - Duration h: 96

12.2 Persistence and degradability

Not applicable

12.3 Bio accumulative potential

Not applicable

12.4 Mobility in soil

Not applicable

12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

12.6 Other adverse effects

None

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: TRANSPORTATION INFORMATION**14.1 UN number**

ADR-UN Number: 1950
IATA-UN Number: 1950
IMDG-UN Number: 1950

14.2 UN proper shipping name

ADR-Shipping Name: AEROSOLS, flammable
IATA-Shipping Name: AEROSOLS, flammable
IMDG-Shipping Name: AEROSOLS, flammable

14.3 Transport hazard class

ADR-Class: 2
ADR-Label: 2.1
ADR - Hazard identification number: -
IATA-Class: 2
IATA-Label: -
IMDG-Class: 2

14.4 Packaging group

ADR-Packing Group: -
IATA-Packing group: -
IMDG-Packing group: -

14.5 Environmental hazards

ADR-Environmental Pollutant: No
IMDG-Marine pollutant: No

14.6 Special precautions for user

ADR-Subsidiary risks: See SP63
ADR-S.P.: 190 327 344 625
ADR-Tunnel Restriction Code: (D)

IATA-Passenger Aircraft:	-
IATA-Subsidiary risks:	See SP63
IATA-Cargo Aircraft:	-
IATA-S.P.:	-
IATA-ERG:	-
IMDG-EmS:	F-D, S-U
IMDG-Subsidiary risks:	See SP63
IMDG-Storage category:	-
IMDG-Storage notes:	Protected from sources of heat. For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but "separated from" class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)

Dir. 1999/45/EC (Classification, packaging and labelling of dangerous preparations)

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Volatile Organic compounds - VOCs = 97.29 %

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Where applicable, refer to the following Italian regulatory provisions: Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments. 1999/13/EC (VOC directive)

15.2 Chemical safety assessment

No.

SECTION 16: 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 section 3:

H226 Flammable liquid and vapour.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H304 May be fatal if swallowed and enters airways.

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H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H411 Toxic to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not support 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.