SAFETY DATA SHEET

Aerosol Etch Primer

FINAL SYSTEMS™

PERFECTION, REFINISHED.

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product Identifier

Product name: Aerosol Etch Primer
Product Code: FL6003

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; Eye Irrit. 2: H319; STOT SE 3: H336
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.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking

Signal words: Warning
Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark

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.
P261 Avoid breathing 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: acetone

2.3 Other hazards

Other hazards: No other known hazards.
PBT: This substance is not identified as a PBT substance.

SECTION 3: COMPOSITON/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

>= 30% - < 40% dimethyl ether
REACH No.: 01-2119472128-37, Index number: 603-019-00-8, CAS: 115-10-6, EC: 204-065-8
F+; R12; substance with a Community workplace exposure limit
2.2/1 Flam. Gas 1 H220
2.5 Press. Gas H280

>= 20% - < 25% acetone
REACH No.: 01-2119471330-49, Index number: 606-001-00-8, CAS: 67-64-1, EC: 200-662-2
F, Xi; R11-36-66-67
2.6/2 Flam. Liq. 2 H225
3.3/2 Eye Irrit. 2 H319
3.8/3 STOT SE 3 H336
EUH066

>= 5% - < 7% n-butyl acetate
REACH No.: 01-2119485493-29, Index number: 607-025-00-1, CAS: 123-86-4, EC: 204-658-1
R10-66-67
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H336
EUH066

>= 3% - < 5% butanone
REACH No.: 01-2119457290-43, Index number: 606-002-00-3, CAS: 78-93-3, EC: 201-159-0
F, Xi; R11-36-66-67
2.6/2 Flam. Liq. 2 H225
3.3/2 Eye Irrit. 2 H319
3.8/3 STOT SE 3 H336
EUH066

>= 3% - < 5% Aromatic hydrocarbons, C8
REACH No.: 01-2119486136-34, CAS: 90989-38-1, EC: 292-694-9
Xn, Xi; R10-20/21-65-48/20-36/37/38
2.6/3 Flam. Liq. 3 H226
3.1/4/Dermal Acute Tox. 4 H312
3.1/4/Inhal Acute Tox. 4 H332
3.10/1 Asp. Tox. 1 H304
3.2/2 Skin Irrit. 2 H315
3.3/2 Eye Irrit. 2 H319
3.8/3 STOT SE 3 H335
3.9/2 STOT RE 2 H373
DECLJ*

>= 1% - < 3% 2-methylpropan-1-ol
REACH No.: 01-2119484609-23, Index number: 603-108-00-1, CAS: 78-83-1, EC: 201-148-0
Xi; R10-37/38-41-67
2.6/3 Flam. Liq. 3 H226
3.8/3 STOT SE 3 H335
3.2/2 Skin Irrit. 2 H315
3.3/1 Eye Dam. 1 H318
3.8/3 STOT SE 3 H336

>= 1% - < 3% 2-methoxy-1-methylethyl acetate
REACH No.: 01-2119475791-29, Index number: 607-195-00-7, CAS: 108-65-6, EC: 203-603-9
R10; substance with a Community workplace exposure limit

2.6/3 Flam. Liq. 3 H226

>= 1% - < 3% cyclohexanone
Index number: 606-010-00-7, CAS: 108-94-1, EC: 203-631-1
Xn; R10-20
2.6/3 Flam. Liq. 3 H226
3.1/4/Inhal Acute Tox. 4 H332

>= 0.1% - < 0.5% Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
REACH No.: 01-2119475515-33, EC: 927-510-4
F, Xn, Xi, N; R11-38-65-67-51/53
2.6/2 Flam. Liq. 2 H225
3.2/2 Skin Irrit. 2 H315
3.10/1 Asp. Tox. 1 H304
3.8/3 STOT SE 3 H336
4.1/C2 Aquatic Chronic 2 H411
DECLP*

>= 0.1% - < 0.5% Hydrocarbons, C9, aromatics
REACH No.: 01-2119455851-35, EC: 918-668-5
Xn, Xi, N; R10-37-51/53-65-66-67
2.6/3 Flam. Liq. 3 H226
3.10/1 Asp. Tox. 1 H304
3.8/3 STOT SE 3 H335
3.8/3 STOT SE 3 H336
4.1/C2 Aquatic Chronic 2 H411
EUH066
DECLP*

< 0.1% methyl methacrylate
REACH No.: 01-2119452498-28, Index number: 607-035-00-6, CAS: 80-62-6, EC: 201-297-1
F, Xi; R11-37/38-43
2.6/2 Flam. Liq. 2 H225
3.8/3 STOT SE 3 H335
3.2/2 Skin Irrit. 2 H315
3.4.2/1-1A-1B Skin Sens. 1, 1A, 1B H317

< 0.1% chlorobenzene
Index number: 602-033-00-1, CAS: 108-90-7, EC: 203-628-5
Xn, N; R10-20-51/53
2.6/3 Flam. Liq. 3 H226
4.1/C2 Aquatic Chronic 2 H411
3.1/4/Inhal Acute Tox. 4 H332

< 0.1% methanol
REACH No.: 01-2119433307-44, Index number: 603-001-00-X, CAS: 67-56-1, EC: 200-659-6
F,T; R11-23/24/25-39/23/24/25
2.6/2 Flam. Liq. 2 H225
3.8/1 STOT SE 1 H370
3.1/3/Oral Acute Tox. 3 H301
3.1/3/Dermal Acute Tox. 3 H311
3.1/3/Inhal Acute Tox. 3 H331

< 0.1% 2-butoxyethanol
REACH No.: 01-2119475108-36, Index number: 603-014-00-0, CAS: 111-76-2, EC: 203-905-0
Xn, Xi; R20/21/22-36/38
3.3/2 Eye Irrit. 2 H319
3.2/2 Skin Irrit. 2 H315

3.1/4/Oral Acute Tox. 4 H302
3.1/4/Dermal Acute Tox. 4 H312
3.1/4/Inhal Acute Tox. 4 H332

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 under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the premises contaminated and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician.

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 unwellness, 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: CO_2, 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.

SECTION 6: ACCIDENTAL REALESE 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:

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

Acetone - CAS: 67-64-1
- WEL -- Country: UNITED KINGDOM - LTE: 1210 mg/m3, 500 ppm - STE: 3620 mg/m3, 1500 ppm
- EU – LTE (8h): 1210 mg/m3, 500 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
- ACGIH, 500 ppm, 750 ppm - Notes: (A4), BEI - (URT and eye irr, CNS impair, hematologic eff)

N-butyl acetate - CAS: 123-86-4
- ACGIH, 150 ppm, 200 ppm - Notes: Eye and URT irr
- WEL -- Country: UNITED KINGDOM - LTE: 724 mg/m3, 150 ppm - STE: 966 mg/m3, 200 ppm

Butanone - CAS: 78-93-3
- WEL -- Country: UNITED KINGDOM - LTE: 600 mg/m3, 200 ppm - STE: 899 mg/m3, 300 ppm
- EU – LTE (8h): 600 mg/m3, 200 ppm - STE: 900 mg/m3, 300 ppm - Notes: Bold-type: Indicative Occupational
- Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
- ACGIH, 200 ppm, 300 ppm - Notes: BEI - URT irr, CNS and PNS impair

Aromatic hydrocarbons, C8 - CAS: 90989-38-1
- ACGIH - LTE: 434 mg/m3, 100 ppm - STE: 651 mg/m3, 150 ppm

2-methylpropan-1-ol - CAS: 78-83-1
- ACGIH, 50 ppm - Notes: Skin and eye irr

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

EU – LTE (8h): 275 mg/m3, 50 ppm - STE: 550 mg/m3, 100 ppm - Notes: Indicative Occupational Exposure Limit
Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
WEL -- Country: UNITED KINGDOM - LTE: 274 mg/m3, 50 ppm - STE: 548 mg/m3, 100 ppm
Cyclohexanone - CAS: 108-94-1
EU – LTE (8h): 40.8 mg/m3, 10 ppm - STE: 81.6 mg/m3, 20 ppm - Notes: Bold-type: Indicative Occupational
Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH, 20 ppm, 50 ppm - Notes: Skin, A3 - Eye and URT irr
Hydrocarbons, C9, aromatics
ACGIH - LTE: 100 mg/m3

Methyl methacrylate - CAS: 80-62-6
WEL -- Country: UNITED KINGDOM - LTE: 208 mg/m3, 50 ppm - STE: 416 mg/m3, 100 ppm
EU, 50 ppm, 100 ppm - Notes: 15 minutes average value (for references see bibliography)
ACGIH, 50 ppm, 100 ppm - Notes: (SEN), A4 - URT and eye irr, body weight eff, pulm edema
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
Methanol - CAS: 67-56-1
WEL -- Country: UNITED KINGDOM - LTE: 266 mg/m3, 200 ppm - STE: 333 mg/m3, 250 ppm
EU – LTE (8h): 260 mg/m3, 200 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2, 3] and
Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH, 200 ppm, 250 ppm - Notes: Skin BEI - Headache, eye dam, dizziness, nausea
2-butoxyethanol - CAS: 111-76-2
WEL -- Country: UNITED KINGDOM - LTE: 123 mg/m3, 25 ppm - STE: 246 mg/m3, 50 ppm
EU – LTE (8h): 98 mg/m3, 20 ppm - STE: 246 mg/m3, 50 ppm - Notes: Bold-type: Indicative Occupational
Exposure Limit Values [2, 3] and Limit Values for Occupational Exposure [4] (for references see bibliography)
ACGIH, 20 ppm - Notes: A3, BEI - Eye and URT irr

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:	0.77 ± 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
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:

Acetone - CAS: 67-64-1
a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 5800 mg/kg

N-butyl acetate - CAS: 123-86-4
a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 10000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat 21.1 mg/l - Duration: 4h

Butanone - CAS: 78-93-3
a) Acute toxicity:
Test: LD50 - Route: Skin - Species: Rabbit 6480 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 20 mg/l - Duration: 4h
Test: LD50 - Route: Oral - Species: Rat 2740 mg/kg

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

2-methylpropan-1-ol - CAS: 78-83-1
a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 2460 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 2460 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat 19.2 mg/l - Duration: 4h

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
a) Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 8530 mg/kg
Test: LD50 - Route: Skin - Species: Rat > 5000 mg/kg

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
a) acute toxicity:
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 23.3 mg/l - Duration: 4h

Hydrocarbons, C9, aromatics
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 3592 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 6193 mg/m3 - Duration: 4h

methanol - CAS: 67-56-1
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 5630 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 15800 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat 83.9 mg/l - Duration: 4h

2-butoxyethanol - CAS: 111-76-2
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat 470 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit 220 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat 2.17 mg/l - Duration: 4h

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

Ecotoxicological studies of the product are not available.

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

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia 3 mg/l - Duration h: 48

Hydrocarbons, C9, aromatics

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia 3.2 mg/l - Duration h: 48
Endpoint: IC50 - Species: Algae 2.9 mg/l - Duration h: 72
Endpoint: LC50 - Species: Fish 9.2 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-Tunnel Restriction Code:	(D)
IATA-Passenger Aircraft:	203
IATA-Cargo Aircraft:	203
IMDG-Technical name:	AEROSOL
IMDG-EMS:	F-D, S-U.

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 = 83.40 %

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:	H220 Extremely flammable gas. H280 Contains gas under pressure; may explode if heated. H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H226 Flammable liquid and vapour. H312 Harmful in contact with skin. H332 Harmful if inhaled. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H317 May cause an allergic skin reaction. H370 Causes damage to organs. H301 Toxic if swallowed. H311 Toxic in contact with skin. H331 Toxic if inhaled. H302 Harmful if swallowed. EUH066 Repeated exposure may cause skin dryness or cracking.
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.