MEON
DELIVERING GREAT SURFACES

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	Spectrum FP Line Primer
Product Inclusion	This document covers FP Line Primer Only.
Container Size	4kg & 14kg

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

Identified Uses	See technical data sheet. For professional use only.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

Meon Ltd.
Railside
Northarbour Spur
Portsmouth
PO6 3TU
+44 (0) 23 9220 0606
+44 (0) 23 9220 0707
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 according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

Flam. Liq. 2 - H225, Acute. Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Eye. Dmg. 1 – H318, STOT,SE. 3 – H335, STOT, SE. 3 – H336

Environmental hazards

Not classified

2.2. Label Elements

Hazard pictograms

Signal word	Danger
Named Chemicals on Label	
Contains	

H-statement(s)	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.
P-statement(s)	P261 Avoid breathing dust, fume, gas, mist, vapours or spray. P280 Wear protective gloves, protective clothing, eye protection and face protection. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE or doctor. P403+P235 Store in a well-ventilated place. Keep cool.
Supplemental hazard information	EUH205 Contains epoxy constituents. May produce an allergic reaction.

2.3. Other hazards

Results of PBT and vPvB assessment:

PBT and vPvB not applicable.

SECTION 3: Composition/information on ingredients

SUBSTANCE [ ] MIXTURE [X]

Description of mixture

Mixture of resins, solvents, pigments and additives.

Dangerous component(s)

Ingredient	Cas-No: EC No: Reach No:	R-Phrases CLP Hazard Statements	Concentration
Propan-2-ol	67-63-0 200-661-7 01-2119457558-25	H225, H319, H336	25.0-50.0%
Butan-1-ol	71-36-3 200-751-6 -	H226, H302, H315, H318, H335, H336	25.0-50.0%
Xylene	1300-20-7 215-535-7 -	H226, H312, H315, H332	10.0-25.0%
Ethylbenzene	100-41-4 202-849-4 -	H225, H332	<3.5%
Epichlorohydrin/bisphenol-a epoxy resin	25036-25-3 - -	H226, H312, H332, H315, H317, H319, EUH205	1.0-2.5%
Orthophosphoric acid	7664-38-2 231-633-2 -	H314, H315, H319	1.0-2.5%

2-methylpropan-1-ol	78-83-1 201-148-0 -		1.0-2.5%
		H226, H315, H318, H335. H336	
phenol	108-95-2 203-632-7 -		0.1-1.0%
		H301, H311, H314, H315, H319, H331, H341, H373	

Additional Information: The text for CLP Hazard Statements shown above (if any) is given in Section 16.

SECTION 4: First aid measures

Show this safety data sheet to the doctor in attendance.

4.1. Description of first aid measures

General notes In case of doubt, or symptom persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

In case of inhalation: Move the exposed person to fresh air at once. Keep person warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Do not use solvents or thinners.

In case of eye contact: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

In case of ingestion: If accidentally swallowed rinse mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting.

Self-protection of the first aider: None.

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

Potential Acute Health Effects

Causes serious eye irritation, can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach, Defatting the skin. May cause skin dryness and irritation. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

Over-exposure signs/symptoms

General information: Treat symptomatically

Eye contact: Irritating to eyes.

Ingestion: Harmful: may cause lung damage if swallowed.

Skin contact: Liquid may irritate skin.

Inhalation: May cause respiratory system irritation.

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

Notes to Physician: None.

Specific treatment: None.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Alcohol-resistant foam, CO2, powders, water spray/mist.

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

5.2. Special hazards arising from the substance or mixture

Specific hazard Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3. Advice for firefighters

Protective actions during firefighting. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or watercourses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing mist or vapour.

6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent – avoid use of solvents.

6.4. Reference to other sections

None.

SECTION 7: Handling and storage

7.1. Precautions on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all nake lights and other sources of ignition have been included. Electrical equipment should be protected to the appropriate standard.
Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear anti-static footwear and clothing and floors should of the conducting type.Isolate from sources of heat, sparks and open flame, no sparking tools should be used, avoid skin and eye contact, avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture and avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area, for personal protection see Section 8, never use pressure to empty: container is not a pressure vessel, always keep in containers of same material as the original one, comply with the health and safety at work laws and do not allow to enter drains or watercourses.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.

Notes on joint storage

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions

Observe label precautions. Store between 5 ºC and 25ºC in a dry well ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep away from sources of iginition. No smoking. Prevent unauthorised access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. The principles contained in the HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances, should be observed when storing this product.

7.3. Specific and uses

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with Occupational Exposure Limits
(UK WELS)

Name	LTEL ppm	STEL ppm	STEL mg/m3	LTEL mg/m3	Notes
Propan-2-ol	400	500	1250	999	
Butan-1-ol		50	154		Sk
Xylene	50	100	441	220	Sk, BMGV
Ethylbenzene	100	125	552	441	Sk
Orthophosphoric acid			2	1	
2-methylpropan-1-ol	50	75	231	154	

phenol	2	4	16	7.8	Sk

8.2. Exposure controls

Engineering measures Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particules and solvent vapour below the OEL, suitable respiratory protection must be worn.

Respiratory protection If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Eye/face protection Use safety eyewear designed to protect against splash of liquids.

Hand protection For prolonged or repeated handling, use Polyvinyl Alcohol (PVA) OR Viton Rubber (FluorRuber). Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Other skin and body protection Personnel should wear anti-static clothing made of natural fibre or high temperature resistant synthetic fibre.

Environmental exposure controls Do not allow to enter drains or watercourses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid

Colour: Various

Odour: Aromatic hydrocarbons. Slight alcohol.

Melting point/freezing point: >-39.3°C

Initial boiling point and boiling: range 82-140°C

Flash point: 12°C

Vapour pressure: >0.42 kPa

Vapour density(air=1): Heavier than air.

Relative density(g/ml): 0.86

Solubility: Miscible with organic solvents.

Auto ignition temperature: 360°C

Viscosity: 30 s B4 cup

Explosive properties: May form explosives mixture with air.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition product.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: Toxicological information

No data available.

The mixture has been assessed following the conventional method of the Classification, Labelling and Packaging of Substances and Mixtures Regulation (EC) No. 1272/2008, (CLP) and classified for toxicological hazards accordingly.

11.1. Information on toxicological effects

Repeated and prolonged contact with mixture	Cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin
Liquid splashed into eyes:	Cause irritation and reversible damage.
Ingestion:	May cause nausea, diarrhoea and vomiting
Exposure to component solvents vapour concentration in excess of stated occupational limit:	May result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Symptoms and signs:	Include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

SECTION 12: Ecological information

12.1. Toxicity

No information.

12.2. Persistence and degradability

No information.

12.3. Bioaccumulative potential

Not available.

12.4. Mobility in soil

No information.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

No information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

European List of Waste classification

Waste code: Name of Waste (according to Comission Decision 2000/532/EC):
08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information contact your local waste authority. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

SECTION 14: Transport information

14.1 UN number:	1263
14.2 UN proper shipping name	PAINT
14.3 Transport hazard class(es)	3
14.4 Packing group	II
14.5 Environmental hazards	No
14.6 Special precautions for user	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an

	accident or spillage.
ADR Tunnel Restriction Code	(D/E)
IMDG EmS	F-E, S-E
IMDG Stowage Category	B
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not available

SECTION 15: Regulatory information

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

The information in this Safety Data Sheet is required presuant to:

Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No. 1907/2006, (REACH).
Classification, Labelling and Packaging of substances and mixtures, Regulation (EC) No. 1272/2008, (CLP).
The Dangerous Substances and Explosive Atmosphere Regulations, 2002, (DSEAR).
The Control of Substances Hazardous to Health Regulations, 2002, (COSHH).
The Health and Safety at work etc Act, 1974, (HSWA)

Approved codes of Practice and Guidance notes relevant to this Safety Data Sheet:

The European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 2.1.
CEPE Guideline for Safety Data Sheets, 9th Edition.
HSE Approved Code of Practice and Guidance, Dangerous Substances and Explosive Atmospheres.
HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances.
HSE publication, EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H331 : Toxic if inhaled.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H341 : Suspected of causing genetic defects.
H373 : May cause damage to organs through prolonged or repeated exposure.
EUH205 : Contains epoxy constituents. May produce an allergic reaction.

List of Wastes"Acronym & Abbreviation Key:

BMGV Biological Monitoring Guidance Values are given in Table 2 of EH40/2005 Workplace exposure limits.
Sk Can be absorbed through the skin. Dermal absorption may lead to systemic toxicity.
CLP Classification, Labelling & Packaging Regulation
EC European Commission
EU European Union
US United States

CAS Chemical Abstract Service
EINECS European Inventory of Existing Chemical Substances
REACH Registration, Evaluation, Authorization of Chemicals Regulation
GHS Globally Harmonized System of Classification and Labeling of Chemicals
LTEL Long term exposure limit
STEL Short term exposure limit
OEL Occupational exposure limit
ppm Parts per million
mg/m3 Milligrams per cubic meter
TLV Threshold Limit Value
ACGIH American Conference of Governmental Industrial Hygienists
OSHA Occupational Safety & Health Administration
PEL Permissible Exposure Limits
VOC Volatile organic compounds
g/l Grams per liter
mg/kg Milligrams per kilogram
N/A Not applicable
LD50 Lethal dose at 50%
LC50 Lethal concentration at 50%
EC50 Half maximal effective concentration
IC50 Half maximal inhibitory concentration
PBT Persistent bioaccumulative toxic chemical
vPvB Very persistent and very bioaccumulative
EEC European Economic Community
ADR International Transport of Dangerous Goods by Road
RID International Transport of Dangerous Goods by Rail
UN United Nations
IMDG International Maritime Dangerous Goods Code
IATA International Air Transport Association
MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC International Bulk Container