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 VersaLine Water-based Acrylic Paint (Yellow)

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

Identified Uses Acrylic waterborne emulsion paint.
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
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

CLP Regulation (EC) No 1272/2008:
The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008, GB (CLP).

2.2. Label Elements

CLP Regulation (EC) No 1272/2008:
Hazard statements:
Not applicable.

Precautionary statements:
Not applicable.

Supplementary information:
EUH210: Safety data sheet available on request.

2.3. Other hazards

Product fails to meet PBT/vPvB criteria.
Endocrine-disrupting properties: The product fails to meet the criteria.

SECTION 3: Composition/information on ingredients

3.1. Substance:

Not applicable.

3.2 Mixture:

Chemical description: Aqueous mixture composed of additives, aggregates, coalescents, pigments and resins.

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Chemical Name	Identification No.	Classification	Concentration
Methanol ([1])	CAS: 67-56-1 EC: 200-659-6 Index: 603-001-00-X REACH: 01-2119433307-44-XXXX	Acute Tox. 3: H301 Acute Tox. 3: H311 Acute Tox. 3: H331 Flam. Liq. 2: H225 STOT SE 1: H370 GHS02 GHS06 GHS08 Dgr	1 - <2,5 % Specific Concentration: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C <10 %
Barium Sulfate [(1)]	CAS: 7727-43-7 EC: 231-784-4 Index: Not applicable REACH: 01-2119433307-44-XXXX	Not classified	2,5 - <10 %

[(1)] Substance with a Union workplace exposure limit

[(2)] Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

SECTION 4: First aid measures

4.1. Description of first aid measures

General: The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

Inhalation: This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

Ingestion: Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

Skin contact: This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary, shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

Eye contact:	Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.
By ingestion/aspiration:	Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.
Unsuitable extinguishing media	IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Specific hazards	As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3. Advice for firefighters

Protective actions during firefighting	Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit...) in accordance with Directive 89/654/EC.
Special protection equipment for firefighters	Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2. Environmental precautions

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3. Methods and material for containment and cleaning up.

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place.

Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4. Reference to other sections

See sections 8 and 13.

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

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights.

Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks...) and transfer at slow speeds to avoid the creation of electrostatic charges.

Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2. Conditions for safe storage, including any incompatibilities

A.- Technical measures for storage

Minimum Temp.:	0 ºC
Maximum Temp.:	40 ºC
Maximum time:	12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3. Specific end use(s)

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the use of this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational Exposure Limits		
Methanol			
CAS: 67-56-1	IOELV (8h)		0.5 mg/m^3
EC: 200-659-6	IOELV (STEL)		
Barium Sulfate			
CAS: 7727-43-7	IOELV (8h)	200 ppm	260 mg/m^3
EC: 200-659-6	IOELV (STEL)		

DNEL (Workers):

Identification		Short exposure		Long exposure	
Barium Sulfate		**Systemic**	**Local**	**Systemic**	**Local**
CAS: 7727-43-7	Oral	Not applicable	Not applicable	Not applicable	Not applicable
EC: 200-659-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
	Inhalation	Not applicable	Not applicable	10 mg/m^3	10 mg/m^3

DNEL (General population):

Identification		Short exposure		Long exposure	
Barium Sulfate		**Systemic**	**Local**	**Systemic**	**Local**
CAS: 7727-43-7	Oral	Not applicable	Not applicable	13000 mg/kg	Not applicable
EC: 200-659-6	Dermal	Not applicable	Not applicable	Not applicable	Not applicable
	Inhalation	Not applicable	Not applicable	10 mg/m^3	Not applicable

PNEC:

Identification				
Barium Sulfate	STP	62,2 mg/L	Fresh water	0,115 mg/L
CAS: 7727-43-7	Soil	207,7 mg/kg	Marine water	Not applicable
EC: 200-659-6	Intermittent	Not applicable	Sediment (Fresh water)	600,4 mg/kg
	Oral	Not applicable	Sediment (Marine water)	Not applicable

8.2. Exposure controls

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection…) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Compulsory use of face mask 	Filter mask for particles	CE CAT III	EN 149:2001+A1:2009	Replace when an increase in resistance to breathing is observed.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection 	Protective gloves against Minor risks	CE CAT III		Replace when an increase in resistance to breathing is observed.
Pictogram	PPE	Labelling	CEN Standard	Remarks

As the product is a mixture of several substances, the resistance of the glove material cannot be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face Protection 	Panoramic glasses against splash/projections.	CE CAT III	EN 166:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing	CE CAT III		Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	CE CAT III	EN ISO 20347:2012	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with regulations in EN ISO 20345:2012 y EN 13832-1:2007

Emergency measure	Standards	Emergency measure	Standards
Emergency shower 	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	Eyewash stations 	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

The personal protection equipment to be used by workers depend on the particular procedure of each applicator and should be recommended by the occupational health and safety technician, after evaluating the safety and hygiene conditions of their specific use.

Environmental exposure controls:
In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:
With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	1,71 % weight
V.O.C. density at 20 ºC:	28,67 kg/m³ (28,67 g/L)
Average carbon number:	1
Average molecular weight:	32 g/mol

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Liquid
Appearance:	Viscous
Colour:	White
Odour:	Ammoniacal
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	100 ºC
Vapour pressure at 20 ºC	2846 Pa
Vapour pressure at 50 ºC:	14390,3 Pa (14,39 kPa)
Evaporation rate at 20 ºC:	Not applicable *

Product description:

Density at 20 ºC:	1676,8 kg/m³
Relative density at 20 ºC:	1,677
Dynamic viscosity at 20 ºC:	1200 cP
Kinematic viscosity at 20 ºC:	714 cSt
Kinematic viscosity at 40 ºC:	>20,5 cSt
Concentration:	Not applicable *
pH:	9,5 - 10,5
Vapour density at 20 ºC:	Not applicable *
Partition coefficient n-octanol/water 20 ºC:	Not applicable *
Solubility in water at 20 ºC:	Not applicable *
Solubility properties:	Dispersible
Decomposition temperature:	Not applicable *
Melting point/freezing point:	Not applicable *

Flammability:

Flash Point:	Non-Flammable (>60 ºC)
Flammability (solid, gas):	Not applicable *
Autoignition temperature:	393 ºC
Lower flammability limit:	Not applicable *
Upper flammability limit:	Not applicable *

Particle characteristics:

Median equivalent diameter:	Not applicable *

9.2. Other information

Information with regard to physical hazard classes:

Explosive properties:	Not applicable *
Oxidising properties:	Not applicable *
Corrosive to metals:	Not applicable *
Heat of combustion:	Not applicable *
Aerosols-total percentage (by mass) of flammable components:	

Other safety characteristics:

Surface tension at ºC	Not applicable *
Refraction index:	Not applicable *

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2. Chemical stability

Chemically stable under the indicated conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4. Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and Friction	Contact with Air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5. Incompatible materials

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6. Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health implications:
In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  IARC: Distillates (petroleum), solvent-refined light paraffinic, < 3 % IP 346, < 20.5 cSt @ 40ºC (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous as a result of a single exposure. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:
Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:
Not applicable

Identification	Acute Toxicity		Genus
Methanol			
CAS: 67-56-1	LD50 Oral	100 mg/kg	Rat
EC: 200-659-6	LD50 Dermal	300 mg/kg	Rabbit
	LC50 Inhalation	3 mg/L (4h)	Rat
Barium Sulfate			
CAS: 7727-43-7	LD50 Oral	15000 mg/kg	Rat
EC: 200-659-6	LD50 Dermal	Not applicable	
	LC50 Inhalation	Not applicable	

11.2 Information on other hazards:
Endocrine disrupting properties
The product fails to meet the criteria.

Other information
Not applicable

SECTION 12: Ecological information

12.1 Toxicity

Identification	Concentration		Species	Genus
Methanol				
CAS: 67-56-1	LD50	15400 mg/L (96h)	Lepomis macrochirus	Fish
EC: 200-659-6	EC50	12000 mg/L (96h)	Nitrocra spinipes	Crustacean
	EC50	530 mg/L (168h)	Microcystis aeruginosa	Algae
Barium Sulfate				
CAS: 7727-43-7	LD50	76000 mg/L (96h)	Lepomis macrochirus	Fish
EC: 200-659-6	EC50	Not applicable	Nitrocra spinipes	Crustacean
	EC50	Not applicable	Microcystis aeruginosa	Algae

12.2 Persistence and degradability
Substance-specific information:

Identification	Degradability		Bioaccumulation potential	
Methanol				
CAS: 67-56-1	BOD5	Not applicable	Concentration	100 mg/L
EC: 200-659-6	COD	1,42 g O2/g	Period	14 days
	BOD5/COD	Not applicable	% Biodegradable	90 %

12.3 Bioaccumulative potential
Substance-specific Information:

Identification	Bioaccumulation potential	
Methanol	BCF	3
CAS: 67-56-1	Pow Log	-0.77
EC: 200-659-6	Potential	Low

12.4 Mobility in soil

Identification	Absorption/desorption	Volatility

Methanol CAS: 67-56-1 EC: 200-659-6				
	Koc	Not applicable	Henry	Not applicable
	Conclusion	Not applicable	Dry Soil	Not applicable
	Surface tension	2,355E-2 N/m (25°C)	Moist Soil	Not applicable

12.5. Results of PBT and vPvB assessment
Product fails to meet PBT/vPvB criteria.

12.6. Other adverse effects
Not described

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 01 11*	Waste paint and varnish containing organic solvents or hazardous substances.	Dangerous

Type of waste (Regulation (EU) No 1357/2014):
HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

Waste management (disposal and evaluation):
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue.
Waste should not be disposed of to drains. See paragraph 6.2.
Paint wastes are considered hazardous waste and should be transferred to an authorized agent of hazardous waste in accordance with applicable law. Used containers with remains of dried paint in limited quantities can be regarded as non-hazardous waste and can be transferred to an authorized packaging recycler.

Regulations related to waste management:
In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: Transport information

This product is not regulated for transport (ADR/RID/IMDG/IATA)

SECTION 15: Regulatory information

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable Article 95, REGULATION (EU) No 528/2012: Non-applicable REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not applicable.

Sevesso III:
Not applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ….):
Occupational exposure to respirable crystalline silica must be controlled pursuant to Directive (EU) 2019/130.

Specific provisions in terms of protecting people or the environment:
It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:
The product could be affected by sectorial legislation.

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Legislation related to safety data sheets:
The SDS shall be supplied in an official language of the country where the product is placed on the market.
This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:
COMMISSION REGULATION (EU) 2020/878

Texts of the legislative phrases mentioned in section 3:
The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:
Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
STOT SE 1: H370 - Causes damage to organs.

Classification procedure:
Not applicable.

Advice related to training:
Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:
http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
ADR: European agreement concerning the international carriage of dangerous goods by road.

IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer