SAFETY DATA SHEET
ViterFloor EEF

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

1.1. Product identifier

Product name ViterFloor EEF

Product number 2928/-

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

Identified uses Paint.

1.3. Details of the supplier of the safety data sheet

Supplier

Axalta Coating Systems Huthwaite UK Ltd.
Blackwell Road,
Huthwaite,
Notts. NG17 2RG
UK
+44 (0)1623 510585
info-huthwaite@axalta.com

1.4. Emergency telephone number

Emergency telephone +44 (0)1623 510585 (not 24 Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Sens. 1 - H317 Repr. 1B - H360Fd STOT SE 3 - H336

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements

H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H360Fd May damage fertility. Suspected of damaging the unborn child.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

ViterFloor EEF

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take action to prevent static discharges.
P261 Avoid breathing vapour/ spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTRE/doctor if you feel unwell.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist
FOR INDUSTRIAL AND PROFESSIONAL USE ONLY

Contains

HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics, Hydrocarbon, C9 Aromatic, 2-butanone oxime, COBALT BIS(2-ETHYLHEXANOATE), Fatty acids, tall-oil, compds. with oleylamine, Fatty acids, C18-unsatd., dimers, compds. with oleylamine

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics **30-60%**

CAS number: — EC number: 919-857-5 REACH registration number: 01-2119463258-33-XXXX

Classification
Flam. Liq. 3 - H226
STOT SE 3 - H336
Asp. Tox. 1 - H304

Hydrocarbon, C9 Aromatic **5-10%**

CAS number: 64742-95-6 EC number: 918-668-5 REACH registration number: 01-2119455851-35-XXXX

Classification
Flam. Liq. 3 - H226
STOT SE 3 - H335, H336
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

ViterFloor EEF

DE-AROMATISED KEROSENE		<1%
CAS number: 64742-48-9	EC number: 918-481-9	REACH registration number: 01-2119457273-39-XXXX

Classification
Asp. Tox. 1 - H304

2-butanone oxime		<1%
CAS number: 96-29-7	EC number: 202-496-6	REACH registration number: 01-2119539477-28-XXXX

Classification
Acute Tox. 3 - H301
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Carc. 1B - H350
STOT SE 1 - H370
STOT SE 3 - H336
STOT RE 2 - H373

COBALT BIS(2-ETHYLHEXANOATE)		<1%
CAS number: 136-52-7	EC number: 205-250-6	REACH registration number: 01-2119524678-29-XXXX
M factor (Acute) = 1		

Classification
Eye Irrit. 2 - H319
Skin Sens. 1A - H317
Repr. 1B - H360
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Keep affected person warm and at rest. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves.

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

Inhalation Vapours may cause drowsiness and dizziness. Headache. Nausea, vomiting.

Ingestion May cause discomfort if swallowed. Diarrhoea. Nausea, vomiting.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact Irritation of eyes and mucous membranes.

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

Notes for the doctor Treat symptomatically.

Specific treatments No specific chemical antidote is known to be required after exposure to this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable. Fire-water run-off in sewers may create fire or explosion hazard. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Control run-off water by containing and keeping it out of sewers and watercourses.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO). Acrid smoke or fumes. Metal oxide(s). Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting In case of fire: Evacuate area. No action shall be taken without appropriate training or involving any personal risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel No action shall be taken without appropriate training or involving any personal risk. Evacuate area. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not breathe gas, fume, vapours or spray. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Use protective equipment appropriate for surrounding materials.

For emergency responders Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

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Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For professional users only. Eliminate all sources of ignition. Use only in well-ventilated areas. Wear protective clothing as described in Section 8 of this safety data sheet. Earth container and transfer equipment to eliminate sparks from static electricity. For the greatest protection, clothing should include anti-static overalls, boots and gloves. Use only non-sparking tools. Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes. Inhalation of dust during cutting, grinding or sanding operations involving this product may cause irritation of the respiratory tract.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Remove contaminated clothing and protective equipment before entering eating areas. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 10°C and 25°C. Store in accordance with national regulations. Store in tightly-closed, original container. Avoid contact with oxidising agents.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

Hydrocarbon, C9 Aromatic

Long-term exposure limit (8-hour TWA): WEL 100 mg/m³

DE-AROMATISED KEROSENE

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

2-butanone oxime

Long-term exposure limit (8-hour TWA): 10 ppm
WEL = Workplace Exposure Limit.

HYDROCARBONS, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

DNEL	Industry - Dermal; Long term : 208 mg/kg/day Industry - Inhalation; Long term : 871 mg/m³

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Hydrocarbon, C9 Aromatic (CAS: 64742-95-6)

DNEL	- Dermal; Long term : 25 mg/kg/day - Inhalation; Long term : 150 mg/m³

2-butanone oxime (CAS: 96-29-7)

DNEL	Workers - Inhalation; Long term systemic effects: 9 mg/m³ Workers - Inhalation; Long term local effects: 3.33 mg/m³ Workers - Dermal; Long term systemic effects: 1.3 mg/kg/day - Dermal; Short term systemic effects: 2.5 mg/kg/day
PNEC	- Fresh water; 0.256 mg/l - Intermittent release; 0.118 mg/l - STP; 177 mg/l

COBALT BIS(2-ETHYLHEXANOATE) (CAS: 136-52-7)

DNEL	Workers - Inhalation; Long term local effects: 235.1 µg/m3 General population - Inhalation; Long term local effects: 37 µg/m3 General population - Oral; Long term systemic effects: 55.8 mg/kg/day
PNEC	- Fresh water; 0.6 µg/l - marine water; 2.36 µg/l - STP; 0.37 mg/l - Sediment (Freshwater); 9.5 mg/kg dwt - Sediment (Marinewater); 9.5 mg/kg dwt - Soil; 10.9 mg/kg dwt

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Use explosion-proof ventilating equipment.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Hand protection	To protect hands from chemicals, gloves should comply with European Standard EN374. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. For the greatest protection, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for information on material and design requirements and test methods.

ViterFloor EEF

Hygiene measures	Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Care should be taken to avoid contact with contaminants when removing contaminated clothing. Remove contaminated clothing and protective equipment before entering eating areas. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Various colours.
Odour	Characteristic.
Flash point	32-55°C
Vapour density	Heavier than air.
Relative density	1.00-1.30
Solubility(ies)	Immiscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Do not pressurise, cut, weld, drill, grind or otherwise expose containers to heat or sources of ignition. Avoid the accumulation of vapours in low or confined areas.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products None at ambient temperatures. Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO_2). Nitrous gases (NOx).

ViterFloor EEF

SECTION 11: Toxicological information

11.1. Information on toxicological effects

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste is classified as hazardous waste. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
Disposal methods	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains.
Waste class	08 01 11 Waste paint and varnish containing organic solvents or other dangerous substances If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3

ViterFloor EEF

ADN class	3

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Health and environmental listings	None of the ingredients are listed.
Authorisations (Annex XIV Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Annex XVII Regulation 1907/2006)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

ViterFloor EEF

Abbreviations and acronyms used in the safety data sheet	ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number
Revision date	14/06/2022
Revision	8
Supersedes date	16/02/2022
SDS number	5083
Hazard statements in full	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H360Fd May damage fertility. Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Description	Epoxy Ester Floor Coating
Mix Ratio	Single Pack
Shelf life	2 years
EU Dir 1	2004/42/11A(i)(500g/l2010)491g/l
EU Dir 2	