**Product** Fleetwood Polyurethane Varnish Satin **Revision date** 02 February 2022 Revision 3

# FLEETWC - for COLOURFUL LIVES -

# Safety Data Sheet (SDS)

according to Regulation (EC) No. 1907/2006

# Section 1: Identification of the substance/mixture and of the company/undertaking

#### **1.1 Product identifier**

Product name Other means of identification **Fleetwood Polyurethane Varnish Satin** 7DAX-9EK6-4207-1DRF

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

Identified uses	Paint or paint related material.
Uses advised against	No uses advised against are identified.

#### **1.3 Details of the supplier of the safety data sheet**

Supplier	FSW Coatings Ltd
	Virginia
	Co Cavan
	Ireland
	Tel: 353 49854 7209
Contact person	info@fsw.ie
<b>1.4 Emergency telephone number</b>	
Emergency telephone	+ 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)
National emergency telephone	Outside those hours, contact National Poisons Information Centre, Beaumont Hospital.
number	Members of Public: +353 (1) 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week) Healthcare

Professionals: +353 (1) 809 2566 (24 hour service)

#### **Section 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Cla	ISSI	fica	atio	1 (EC	212	72/20	JO8)	

Label in accordance with (EC) no.

Physical and chemical hazards	Flam. Liq 3- H226
Human health	STOT SE 3 - H336, Skin. Sens 1 A- H317
Environment	Not classified

#### 2.2 Label elements

### Contains

1272/2008

Cobalt bis(2-ethylhexanoate)



Signal word

**Hazard statements** 

**Precautionary statements** 

Warning

H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness.

H226 Flammable liquid and vapour.

#### Prevention

P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking. P233 Keep container tightly closed. P280 Wear protective gloves/ protective clothing/eye protection/face protection.

#### Response P370 + P378 In case of fire: Use dry chemical, CO2, water spray (fog) or foam for extinction. Storage P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

#### 2.3 Other hazards

None known.

# Section 3: Composition/information on ingredients

### 3.1 Substance

Not applicable.

#### **3.2 Mixtures**

Name	Product identifier	Regulation (EC) No 1272/2008	%
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-48-9 EC No.: 919-857-5 REACH Reg No.: 01-2119463258-33-xxxx	STOT SE 3 - H336, Asp. Tox - H304, Flam. Liq 3- H226	20-50%
2-ethylhexanoic acid, zirconium salt	CAS-No.: 22464-99-9 EC No.: 245-018-1	Repr. 2 - H361d	0.1-0.9%
Cobalt bis(2-ethylhexanoate)	CAS-No.: 136-52-7 EC No.: 205-250-6 REACH Reg No.: 01-2119524678-29-XXXX	Eye Irrit.2A - H319, Skin. Sens 1 A- H317, Repr. 1B- H360, Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412	0.1-0.9%
propionic acid	CAS-No.: 79-09-4 EC No.: 201-176-3	Skin Corr. 1B - H314	<0.1%
nonane	CAS-No.: 111-84-2 EC No.: 203-913-4	Aquatic Chronic 1 - H410, Skin Irrit.2 - H315, Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336	<0.1%
octane	CAS-No.: 111-65-9 EC No.: 203-892-1	Aquatic Chronic 1 - H410, Skin Irrit.2 - H315, Asp. Tox - H304, Flam. Liq 2- H225, STOT SE 3 - H336	<0.1%

The full text for all hazard statements are displayed in section 16.

#### **Composition comments**

# The data shown are in accordance with the latest EC Directives. Proprionic Acid: Specific Concentration Limits - Eye Irrit. 2; H319: 10 % <= C < 25 %, STOT SE 3; H335: C >= 10 %, Skin Corr. 1B; H314: C >= 25 %, Skin Irrit. 2; H315: 10 % <= C < 25 %.

Cobalt bis(2-ethylhexanoate): M (acute) = 1.

#### Section 4: First aid measures

#### **4.1 Description of first aid measures**

General information	Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.
Inhalation	If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If breathing is difficult, give oxygen. If breathing has stopped or the exposed person experiences difficulty in breathing, administer artificial respiration and seek immediate medical assistance.
Ingestion	Rinse mouth thoroughly. Provide fresh air, warmth and rest. Do not induce vomiting. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. Seek medical advice (show the label where possible). If vomiting occurs, the head should be kept low so that stomach content doesn't enter the lungs.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues after rinsing.
Eye contact	Do not rub eye. Avoid contaminating unaffected eye. Remove contact lenses if present and easy to do so. Promptly wash eye(s) with plenty of water while lifting the eye lids. Rinse with a gentle stream water for at least 15 minutes. Get prompt medical attention.

# $\underline{\textbf{4.2 Most important symptoms and effects, both acute and delayed}$

The severity of the symptoms described will vary dependent on the concentration and the
length of exposure.
Exposure to product spray mists may be irritating to the respiratory system. Inhalation of vapours may cause headache, fatigue, dizziness and central nervous system effects.
May cause discomfort if swallowed. May cause stomach pain or vomiting.
Prolonged contact may cause redness, irritation and dry skin. May cause an allergic skin reaction.
May cause temporary eye irritation.

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

Notes to the physician	Treat symptomatically.

# Section 5: Firefighting measures

# 5.1 Extinguishing media

Extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet to extinguish fire.
5.2 Special hazards arising from the substance or mixture	

Hazardous combustion products	Combustion may lead to the release of harmful vapours, including but not limited to oxides of carbon.
Unusual fire & explosion hazards	The product is classified as a flammable liquid and vapour. Vapours are heavier than air and may spread near ground to sources of ignition. Do not allow to enter drains, sewers, basements and workpits, or any place where its accumulation can be dangerous.
Specific hazards	Vapours may be ignited by a spark, a hot surface or an ember. Flash back possible over considerable distance.
5.3 Advice for firefighters	
Special fire fighting procedures	Ventilate closed spaces before entering them. Water spray should be used to cool containers. If possible, fight fire from protected position. Keep up-wind to avoid fumes.
Protective equipment for firefighter	<b>rs</b> Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard

EN 469 will provide a basic level of protection for chemical incidents.

#### Section 6: Accidental release measures

#### **<u>6.1 Personal precautions, protective equipment and emergency procedures</u>**

For non-emergency personnel For emergency responders	Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition. Make safe all sources of ignition. Avoid contact with skin and eyes. Ensure adequate ventilation. Use non-sparking hand tools and explosion proof electrical equipment. Avoid inhalation of dust and vapours Follow safe handling advice and personal protective equipment recommendations for normal use of product.
6.2 Environmental precautions	
Environmental precautions	Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
6.3 Methods and material for containm	ent and cleaning un

#### 6.3 Methods and material for containment and cleaning up

Spill clean up methodsStop leak if possible without risk. Wear necessary protective equipment. Absorb spillage with<br/>non-combustible, absorbent material. Ensure that waste and contaminated materials are<br/>collected and removed from the work area as soon as possible in a suitably labelled<br/>container. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections	
Reference to other sections	See section 1 for emergency contact. For personal protection, see section 8 For waste disposal, see section 13.
Section 7: Handling and storage	
7.1 Precautions for safe handling	
Handling	Read and follow manufacturer's recommendations. Do not handle broken packages without protective equipment. Avoid spilling, skin and eye contact. Do not use contact lenses. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Ensure adequate ventilation. Vapours are heavier than air and may spread along floors. Do not eat, drink or smoke when using the product.
7.2 Conditions for safe storage, including	ng any incompatibilities
Storage precautions Storage class	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep upright. Keep locked up and out of reach of children. Avoid storing for very long periods. Keep container tightly sealed when not in use. Flammable liquid storage.
7.3 Specific end use(s)	
Specific end use(s) Usage description	The identified uses for this product are detailed in Section 1. Use only according to directions. Replace and tighten cap after use.

Section	8:	Exposure	controls/Personal	protection
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#### **<u>8.1 Control parameters</u>**

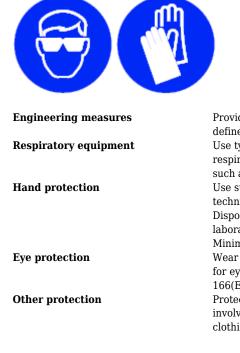
Component		TWA (	8 Hrs)	STEL (1	15mins)	Notes
propionic acid	OEL	10 ppm	31 mg/m <sup>3</sup>	20 ppm	62 mg/m <sup>3</sup>	IOELV
nonane	OEL	200 ppm	1050 mg/m <sup>3</sup>			
octane	OEL	300 ppm	1450 mg/m <sup>3</sup>			

**Ingredient comments** 

Ireland, Occupational Exposure Limits 2021.

### **8.2 Exposure Controls**

**Protective equipment** 



Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Use type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Use suitable protective gloves if there is a risk of skin contact. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Change gloves regularly. Suggested material: Nitrile rubber gloves. Minimum breakthrough time / gloves: 480 min. Minimum layer thickness: 0.7mm. Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. The selected clothing must satisfy the European norm standard EN 943.

Hygiene measures	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
Process conditions	Keep container tightly sealed when not in use. Ensure that eye flushing systems and safety showers are located close by in the work place.

# Section 9: Physical and chemical properties

<u>9.1</u>	Information on basic physical and c	hemical properties
	Appearance Colour Odour	Viscous liquid. Clear. Hydrocarbon, (slight).
	Odour threshold - lower	No information available as testing has not been completed.
	Odour threshold - upper	No information available as testing has not been completed.
	pH-Value, Conc. Solution	Not applicable.
	pH-Value, Diluted solution	Not applicable.
	Melting point	May start to solidify at the following temperature: -15°C This is based on data for the following ingredient: Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, < 2% aromatics. Weighted average: -58.56°C
	Initial boiling point and boiling range	>142°C
	Flash point	Closed cup 40°C
	Evaporation rate	No information available as testing has not been completed.
	Flammability state	Liquid
	Flammability limit - lower(%)	No information available as testing has not been completed.
	Flammability limit - upper(%)	No information available as testing has not been completed.
	Vapour pressure	No information available as testing has not been completed.
	Vapour density (air=1)	No information available as testing has not been completed.
	Relative density	0.94 +/- 0.06
	Bulk density	No information available as testing has not been completed.
	Solubility	Insoluble in cold water
	Decomposition temperature	Stable under normal handling and storage conditions
	Partition coefficient; n- Octanol/Water	No information available as testing has not been completed.
	Auto ignition temperature (°C)	Lowest known value: >230°C (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics ).
	Viscosity	Kinematic (40°C): >0.27 cm <sup>2</sup> /s
	Explosive properties	Not classified as explosive.
	Oxidising properties	The product does not meet the criteria to be classified as oxidising.
<u>9.2</u>	Other information	
	Molecular weight	No information available as testing has not been completed.
	Volatile organic compound	432.00 g/litre

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Other information
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Volume solids: 41.0% +/- 1.0%

Weight Solids: 53.0% +/- 1.0%.

Section 10: Stability and reactivity	
10.1 Reactivity	
Reactivity	Reaction with strong acids, strong alkalis and oxidising materials.
10.2 Chemical stability	
Stability	Stable under normal temperature conditions and recommended use.
<b>10.3 Possibility of hazardous reactions</b>	
Hazardous reactions Hazardous polymerisation Polymerisation description	For information on hazardous reaction see section 10.1. Unknown. Unknown.
<b>10.4 Conditions to Avoid</b>	
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.
10.5 Incompatible materials	
Materials to avoid	Keep away from strong oxidizing agents, strong acids and strong caustics.
10.6 Hazardous decomposition products	à
Hazardous decomposition products	When heated, vapours/gases hazardous to health may be formed.
Section 11: Toxicological information 11.1 Information on hazard classses as of	defined in Regulation (EC) No. 1272/2008
Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50) Acute toxicity (Dermal LD50) Acute toxicity (Inhalation LD50)	No information available as testing has not been completed. No information available as testing has not been completed. No information available as testing has not been completed.
Serious eye damage/irritation	Product is not classified as an eye irritant.
Skin corrosion/irritation	The product is not classified as a skin corrosion/irritation hazard.
Respiratory sensitisation Skin sensitisation	The product is not classified as a respiratory hazard. The product is classified as a skin sensitisation hazard.
Germ cell mutagenicity	The product is not classified as a mutagen.
Carcinogenicity	The product is not classified as a carcinogen hazard.
Specific target organ toxicity - Singl STOT - Single exposure Specific target organ toxicity - Repe STOT - Repeated exposure	The product is classified as a single exposure specific target organ toxin.
Inhalation	Exposure to product spray mists may be irritating to the respiratory system. Inhalation of vapours may cause headache, fatigue, dizziness and central nervous system effects.
Ingestion Skin contact	May cause discomfort if swallowed. May cause stomach pain or vomiting. Prolonged contact may cause redness, irritation and dry skin. May cause an allergic skin reaction.
Eye contact Waste management	May cause temporary eye irritation. When handling waste, consideration should be made to the safety precautions applying to handling of the product

handling of the product.

Routes of entry	Eyes, skin, ingestion or inhalation.
Target organs	Eyes, skin, digestive system, respiratory system.
Aspiration hazards:	The product is not classified as an aspiration hazard.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

Name	LD50 oral	LD50 dermal	LD50 inhalation
2-ethylhexanoic acid, zirconium salt	>5.00g/kg Rat	>5.00g/kg Rabbit	
propionic acid	2600.00mg/kg Rat	525.00mg/kg Rabbit	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	5 5	3160.00mg/kg Rabbit	>4950.00mg/m-3 Rat 4 Hours>4950.00mg/m-3 Rat 4 Hours

# **11.2 Information on other hazards**

Information on other hazards None known.

# Section 12: Ecological information

12.1 Toxicity	
Acute toxicity - Aquatic plants Acute toxicity - Microorganisms Chronic toxicity - Fish Chronic toxicity - Aquatic invertebrates	No information available as testing has not been completed. No information available as testing has not been completed.
Chronic toxicity - Aquatic plants Chronic toxicity - Microorganisms Ecotoxicity	No information available as testing has not been completed. No information available as testing has not been completed. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Eco toxilogical information	No ecological toxicity available on the overall finished product.
12.2 Persistence and degradability	
Degradability Biological oxygen demand Chemical oxygen demand	The degradability of the product has not been stated. No information available as testing has not been completed. No information available as testing has not been completed.
12.3 Bioaccumulative potential	
Bioaccumulative potential Bioaccumulation factor Partition coefficient; n- Octanol/Water	No data available on bioaccumulation. No information available as testing has not been completed. No information available as testing has not been completed.
<b>12.4 Mobility in soil</b>	
Mobility	Insoluble in cold water.
12.5 Results of PBT and vPvB assessmen	t
Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB Substances.
12.6 Endocrine disrupting properties	
Endocrine disrupting properties	The product does not contain any substances with endocrine disrupting properties at a concentration above or equal to 0.1%.
12.7 Other adverse effects	
Other adverse effects	None known.

Name	Acute toxicity (Fish)		Acute toxicity (Aquatic plants)
propionic acid	LC50 96 Hours 51.00ppm Onchorhynchus mykiss (Rainbow Trout)	IEC50 48 Hours 77 /Oppm Daphnia magna	EC50 96 Hours 43.00mg/l
Hydrocarbons, C9-C11, n- alkanes, isoalkanes, cyclics, <2% aromatics	LC50 96 Hours >1000.00ppm Freshwater FishLC50 96 Hours >1000.00ppm Freshwater Fish	EC50 48 Hours >1000.00ppm Daphnia magnaEC50 48 Hours >1000.00ppm Daphnia magna	

Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
3.1 Waste treatment methods	
Disposal methods	Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations.
ection 14: Transport information	
4.1 UN number or ID number	
UN no. (ADR) UN no. (IMDG) UN no. (IATA)	UN1263 UN1263 UN1263
4.2 UN proper shipping name	
ADR proper shipping name IMDG proper shipping name IATA proper shipping name	PAINT or PAINT RELATED MATERIAL PAINT or PAINT RELATED MATERIAL PAINT
4.3 Transport hazard class(es)	
ADR class IMDG class IATA class	3 3 3
Transport labels	
4.4 Packing group	
ADR/RID/ADN packing group IMDG packing group IATA packing group	111 111 111
<u>4.5 Environmental hazards</u>	
ADR IMDG IATA	No No No
4.6 Special precautions for user	
EMS Emergency action code	F-E, S-E A3 A72 A192 30

Not applicable.

# Section 15: Regulatory information

<u>15.1 Safety, health and environmental r</u>	<u>egulations/Legislation specific for the substance or mixture</u>
EU legislation	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Reach Regulation (EC) No 453/2010. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
Approved code of practice	2021 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019)
15.2 Chemical safety assessment	
Chemical safety assessment	No chemical safety assessment has been carried out.

#### Section 16: Other information

General information	This Safety Data Sheet is in accordance with REACH Annex II, (EC) No 2020/878.
Revision comments	[1]Information updated. [2]Information updated. [3]Information updated. [5]Information
	updated. [8]Information updated. [9]Information updated. [11]Information updated.
	[12]Information updated. [15]Information updated. This is a third issue.
Revision date	02 February 2022
Revision	3
Safety data sheet status	Approved.

#### Hazard statements in full

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child .
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H360	May damage fertility or the unborn child .
H400	Very toxic to aquatic life.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H410	Very toxic to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.