SAFETY DATA SHEET
Fleetwood Traditional High Gloss

Revision Date: 18/08/2015
Revision: 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Fleetwood Traditional High Gloss

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 specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

FSW Coatings Ltd
Virginia
Co Cavan
Ireland
www.fleetwood.ie
Tel: + 353 49854 7209
Fax: +353 49854 7470
Email:info@fsw.ie

Contact Person SDS Contact: DCM Compliance, info@dcmcompliance.com

1.4. Emergency telephone number

Emergency Contact Number + 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 3 - H226
Human health	EUH066;Muta. 1B - H340;Carc. 1A - H350;STOT SE 3 - H336
Environment	Not classified.

Classification (1999/45/EEC) Carc. Cat. 1;R45, Muta. Cat. 1;R46. Xn; R66, R67, R10.

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

2.2. Label elements

Contains Hydrocarbons, C9-C11,n-alkanes, isoalkanes, cyclics,
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN

Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.

Supplementary Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing vapour/spray.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P403+233	Store in a well-ventilated place. Keep container tightly closed.

Supplemental label information

EUH066	Repeated exposure may cause skin dryness or cracking.
RCH002	Restricted to professional users.

2.3. Other hazards

Not Applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

COBALT BIS(2-ETHYLHEXANOATE) **< 1%**

CAS-No.: 136-52-7 **EC No.: 205-250-6** **Registration Number: 01-2119524678-29-0000**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Sens. 1 - H317	N;R50/53.
Aquatic Acute 1 - H400	R43.
Aquatic Chronic 1 - H410	

Hydrocarbons, C9-C11,n-alkanes, isoalkanes, cyclics, **20-30%**

CAS-No.: **EC No.: 919-857-5** **Registration Number: 01-2119463258-33**

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH066	Xn;R65.
STOT SE 3 - H336	R10,R66,R67.
Asp. Tox. 1 - H304	

Methyl Ethyl Ketoxime **< 1%**

CAS-No.: 96-29-7 **EC No.: 202-496-6**

Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H312	Carc. Cat. 3;R40
Eye Dam. 1 - H318	Xn;R21
Skin Sens. 1 - H317	R43
Carc. 2 - H351	Xi;R41

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY **1-10%**

CAS-No.: 64742-48-9 **EC No.: 265-150-3**

Classification (EC 1272/2008)	Classification (67/548/EEC)
EUH066	Xn;R65.
Asp. Tox. 1 - H304	R66.

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN		< 1%
CAS-No.: 64742-48-9	EC No.: 265-150-3	Registration Number: 01-2119463258-33

Classification (EC 1272/2008)	Classification (67/548/EEC)
Muta. 1B - H340 Carc. 1B - H350 Asp. Tox. 1 - H304	Carc. Cat. 2;R45 Muta. Cat. 2;R46 Xn;R65

nonane		< 1%
CAS-No.: 111-84-2	EC No.: 203-913-4	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Asp. Tox. 1 - H304	Xn;R65. R10.

OCTANE		< 1%
CAS-No.: 111-65-9	EC No.: 203-892-1	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	F;R11 Xn;R65 Xi;R38 R67 N;R50/53

PROPIONIC ACID ...%		< 1%
CAS-No.: 79-09-4	EC No.: 201-176-3	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Skin Corr. 1B - H314	C;R34.

TITANIUM DIOXIDE		10-20%
CAS-No.: 13463-67-7	EC No.: 236-675-5	Registration Number: 01-2119489379-17-0002

Classification (EC 1272/2008)	Classification (67/548/EEC)
Not classified.	Not classified.

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

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

General first aid, rest, warmth and fresh air. Get medical attention.

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention.

Ingestion
Rinse mouth thoroughly. Get medical attention immediately!
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.
Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation
Harmful if inhaled. Irritating to respiratory system. May cause convulsions, mental confusion/disorientation, coma and death.
Ingestion
Ingestion may result in unconsciousness, blindness and death.
Skin contact
Prolonged contact may cause redness, irritation and dry skin.
Eye contact
Prolonged contact may cause redness and/or tearing.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Use fire-extinguishing media appropriate for surrounding materials. Use: Water spray, foam, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
When heated, vapours/gases hazardous to health may be formed.
Unusual Fire & Explosion Hazards
No unusual fire or explosion hazards noted.
Specific hazards
In case of fire, toxic gases may be formed (COx, NOx).

5.3. Advice for firefighters

Special Fire Fighting Procedures
If possible, fight fire from protected position. Keep up-wind to avoid fumes. Avoid breathing fire vapours. Ventilate closed spaces before entering them. Containers close to fire should be removed or cooled with water.
Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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.

6.2. 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 containment and cleaning up

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

6.4. Reference to other sections

For waste disposal, see section 13. See section 11 for additional information on health hazards.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe 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 minimize the risk of inhalation of vapours. Vapours are heavier than air and may travel along the floor and in the bottom of containers.

7.2. Conditions for safe storage, including any incompatibilities

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. Bags or containers, which are opened, must be carefully resealed to prevent leakage. Avoid contact with Oxidising agents. Store away from: Acids. Store separated from: Alkalis. Store in cool dry areas away from direct sunlight or sources of ignition. Store away form other chemicals.

7.3. Specific end use(s)

Usage Description

Use only according to directions. Replace and tighten cap after use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
nonane	OEL	200 ppm	1050 mg/m3			
OCTANE	OEL	300 ppm	1450 mg/m3	375 ppm	1800 mg/m3	
PROPIONIC ACID ...%	OEL	10 ppm	31 mg/m3	20 ppm	62 mg/m3	
TITANIUM DIOXIDE	OEL		10 mg/m3			

OEL = Occupational Exposure Limit.

Ingredient Comments

OEL = Occupational Exposure Limit.

8.2. Exposure controls

Protective equipment

Engineering measures

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

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Eye protection

If risk of splashing, wear safety goggles or face shield. Tightly fitting safety glasses (EN 166).

Other Protection

No information available.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose ofcontaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Nitrile rubber
Break through time: 480 min
Glove thickness: > 0, 33 mm

Chloroprene
Break through time: 480 min
Glove thickness: > 0, 6 mm

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown.
Odour	Organic solvents.
Solubility	Insoluble in water Soluble in: Organic solvents

Initial boiling point and boiling range (°C)
Not determined.

Melting point (°C)
Not determined.

Relative density	0.97 @ 20°C

Bulk Density
Not determined.

Vapour density (air=1)
Not determined.

Vapour pressure
Not determined.

Evaporation rate
Not determined.

Evaporation Factor
Not determined.

pH-Value, Conc. Solution
Not determined.

Viscosity	4.95 cm2/S

Decomposition temperature (°C)
Not determined.

Flash point (°C)	62°C
Auto Ignition Temperature (°C)	>230°C
Flammability Limit - Lower(%)	0.6
Flammability Limit - Upper(%)	7.0

Partition Coefficient (N-Octanol/Water)
Not determined.

Explosive properties
Not determined.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Acids. Strong oxidising agents.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

See section 10.1 for information on hazardous reactions.

Hazardous Polymerisation

Unknown.

10.4. Conditions to avoid

Protect from frost. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Strong oxidizers, strong acids. Do not mix with other chemicals unless listed on directions.

10.6. Hazardous decomposition products

Thermal decomposition may release acrid fumes, smoke and carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No toxicological information for the overall finished product.

Acute toxicity:

Acute Toxicity (Oral LD50)

No information available.

Acute Toxicity (Dermal LD50)

No information available.

Acute Toxicity (Inhalation LC50)

No information available.

Serious eye damage/irritation:

No information available.

Respiratory or skin sensitisation:

Respiratory sensitisation

No information available.

Skin sensitisation

No information available.

Germ cell mutagenicity:

Genotoxicity - In Vitro

No information available.

Genotoxicity - In Vivo

No information available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

No information available.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Toxicological information on ingredients.

TITANIUM DIOXIDE (CAS: 13463-67-7)

Acute toxicity:

Acute Toxicity (Oral LD50)

10000 mg/kg Rat

Hydrocarbons, C9-C11,n-alkanes, isoalkanes, cyclics,

nonane (CAS: 111-84-2)

Acute toxicity:

Acute Toxicity (Inhalation LC50)
17000 mg/l (vapours) Rat 4 hours

OCTANE (CAS: 111-65-9)

Acute toxicity:

Acute Toxicity (Inhalation LC50)
25260 ppmV (gas) Rat 4 hours

PROPIONIC ACID ...% (CAS: 79-09-4)

Acute toxicity:

Acute Toxicity (Oral LD50)
2600 mg/kg Rat

Acute Toxicity (Dermal LD50)
525 mg/kg Rabbit

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

No ecological toxicity available on the overall finished product.

Ecological information on ingredients.

PROPIONIC ACID ...% (CAS: 79-09-4)

Acute Toxicity - Aquatic Plants
EC50 96 hours 43 mg/l Freshwater algae

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (CAS: 64742-48-9)

Acute Toxicity - Fish
LC50 96 hours > 100 mg/l Freshwater fish

12.2. Persistence and degradability

Degradability
The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not determined.

12.4. Mobility in soil

Mobility:
No information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product. The generation of waste should be avoided or minimised wherever possible. Avoid pouring into drains or waterways. Avoid contaminating the ground or water with waste. Where practical, waste or surplus material should be recovered and recycled.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. If recycling or reuse is not practicle then the packaging material must be disposed of in accordance with local state and national regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

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

14.2. UN proper shipping name

Proper Shipping Name	PAINT

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3

Transport Labels

14.4. Packing group

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

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS	F-E, S-E
Emergency Action Code	•3Y
Hazard No. (ADR)	30

Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Approved Code Of Practice

2011 Code of Practice for the Safety, Health and Welfare at Work(Chemical Agents) Regulations 2001 (S.I. No. 619 of 2001)

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.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Risk Phrases In Full

R34	Causes burns.
R10	Flammable.
R21	Harmful in contact with skin.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R45	May cause cancer.
R46	May cause heritable genetic damage.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
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.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.