

Product Fleetwood Universal Undercoat Base B
Revision Date 20/08/2015
Revision 2

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

1.1. Product identifier

Product name Fleetwood Universal Undercoat Base B

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
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

2.1.1 Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Liq. 3 - H226
Human Health STOT SE 3 - H336
Environment Not classified.

2.1.2 Classification (1999/45/EEC)

Xn
R67, R10.

2.2. Label elements

2.2.1 Label in Accordance With (EC) No. 1272/2008

Pictogram(s)



Signal Word Danger
Hazard Statements H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary Statements P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local regulations.
Supplementary P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.
Precautionary Statements

2.3. Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a preparation.

3.2. Mixtures

Product name	Product identifier	REACH Registration	%	Classification (1999/45/EEC)	Classification (EC 1272/2008)
2-ISOPROPOXYETHANOL	CAS: 109-59-1 EC: 203-685-6		< 1%	Xn;R20/21. Xi;R36. R10.	Acute Tox. 4 - H312 Acute Tox. 4 - H332 Eye Irrit. 2 - H319
COBALT BIS(2-ETHYLHEXANOATE)	CAS: 136-52-7 EC: 205-250-6	01-2119524678-29-0000	< 1%	N;R50/53. R43.	Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Crystalline silica (Quartz)	CAS: 14808-60-7 EC: 238-878-4		< 1%	Not classified.	Not classified.
DE-AROMATISED KEROSENE	CAS: 64742-48-9 EC: 265-150-3	01-2119457273-39	1-10%	Xn;R65. R66,R10,R67.	Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304
ETHANOL	CAS: 64-17-5 EC: 200-578-6		< 1%	F;R11	Flam. Liq. 2 - H225
Family 607: Organic acids and derivatives- Salts of aliphatic acid	CAS: EC:		< 1%	Xi;R38.	Skin Irrit. 2 - H315
HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE	CAS: EC: 918-811-1	01-2119463583-34-XXXX	< 1%	Xn;R65. N;R51/53. R66,R67.	EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411
Hydrocarbons, C9-C11,n-alkanes, isoalkanes, cyclics,	CAS: EC: 919-857-5	01-2119463258-33	10-20%	Xn;R65. R10,R66,R67.	EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304
Isotridecylalcohol, ethoxylated, phosphated, compd. with' N,N-dimethylecyclohexanamine	CAS: 164383-18-0 EC:		< 1%	Xi;R36/38. N;R51/53.	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411
Limestone	CAS: 1317-65-3 EC: 215-279-6		40-60%	Not classified.	Not classified.

Product name	Product identifier	REACH Registration	%	Classification (1999/45/EEC)	Classification (EC 1272/2008)
Methyl Ethyl Ketoxime	CAS: 96-29-7 EC: 202-496-6		< 1%	Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41	Acute Tox. 4 - H312 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351 MIXTURE OF: N,N'-ETHANE-1,2-DIYLBIS(HEXANAMIDE), 12-HYDROXY-N-[2-
[(1-OXYHEXYL)AMINO]ETHYL]OCTADECANAMIDE,' N,N'-ETHANE-1,2-DIYLBIS(12-HYDROXYOCTADECANAMIDE)	CAS: -- EC: 432-430-3	01-0000017860-69-xxxx	< 1%	R43 R53	Skin Sens. 1 - H317 Aquatic Chronic 4 - H413
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	CAS: 64742-48-9 EC: 265-150-3		1-10%	Xn;R65. R66.	EUH066 Asp. Tox. 1 - H304
nonane	CAS: 111-84-2 EC: 203-913-4		< 1%	Xn;R65. R10.	Asp. Tox. 1 - H304
OCTANE	CAS: 111-65-9 EC: 203-892-1		< 1%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

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

General Information	...% < 1%
Inhalation	Skin Corr. 1B - H314
Ingestion	C;R34.
Skin contact	
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	Inhalation of mist or vapor may cause respiratory tract irritation
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
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 Carbon dioxide or dry powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products In case of fire, toxic gases (CO, CO₂, NO_x) 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 (CO_x, NO_x).

5.3. Advice for firefighters

Special Fire Fighting Procedures 14807-96-6

Protective equipment for fire-fighters 238-877-9

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Not classified.

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 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 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 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 separate from alkalis. Store in cool dry areas away from direct sunlight or sources of ignition. Store away from 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
2-ISOPROPOXYETHANOL	OEL	25	106	-	-	Sk
Crystalline silica (Quartz)	OEL	-	0.1	-	-	-
ETHANOL	OEL	-	-	1000	-	-
Limestone	OEL	-	4	-	-	-
Methyl Ethyl Ketoxime	OEL	3	10	10	33	-
nonane	OEL	200	1050	-	-	-
OCTANE	OEL	300	1450	375	-	-

Ingredient Comments

OEL = Occupational Exposure Limit.
Ireland, Occupational Exposure Limits 2011

8.2. Exposure controls

8.2.1 Engineering measures

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

8.2.2 Respiratory Equipment

Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or 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 NIOSH (US) or CEN (EU).

8.2.3 Protective equipment



Eye protection

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

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 of contaminated 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. As the product is a

preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber

Break through time: 480 min

Glove thickness: > 0,33 mm

Chloroprene

Break through time: 480 min

Glove thickness: > 0,6 mm

Other protection

No Information available.

8.2.4 Hygiene measures

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

8.2.5 Environmental Exposure Controls

Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	Viscous Liquid
b) Colour	Milky
c) Odour	Mild Solvent Smell
d) pH-Value, Conc. Solution	No information available
e) Melting point (°C)	No information available
f) Initial boiling point and boiling range (°C)	135 °C
g) Flash point (°C)	Closed cup 36 °C
h) Evaporation rate	No information available
i) Evaporation Factor	No information available
j) Flammability Limit - Lower(%)	No information available
k) Flammability Limit - Upper(%)	No information available
l) Vapour pressure	No information available
m) Vapour density (air=1)	No information available
n) Relative density	1.78
o) Bulk Density	No information available
p) Solubility	Insoluble in cold water
q) Decomposition temperature (°C)	No information available
s) Partition coefficient; n-octanol/water	No information available
t) Auto Ignition Temperature (°C)	No information available
u) Viscosity	Kinematic 5.47 cm ² /S
v) Explosive properties	No information available
w) Oxidising properties	No information available

9.2. Other information

VOC (Volatile Organic Content) 297

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

Reaction with: 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 acids. Strong oxidising substances. 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. In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1 Toxicological Information

No information available.

Toxicological Information on ingredients

Name	Identifier	Acute Toxicity (Oral LD50)	Acute Toxicity (Dermal LD50)	Acute Toxicity (Inhalation LC50)
2-ISOPROPOXYETHANOL	CAS: 109-59-1	5.66 mg/kg Rat	1.6 mg/kg Rabbit	3.1 mg/l (vapours) Rat 4 hours
Crystalline silica (Quartz)	CAS: 14808-60-7	500 mg/kg Rat		
ETHANOL	CAS: 64-17-5	7060 mg/kg		124.7 mg/l (vapours) Rat 4 hours
Family 607: Organic acids and derivatives- Salts of aliphatic acid	CAS:	3920 mg/kg Rat		
Isotridecylalcohol, ethoxylated, phosphated, compd. with N,N-dimethylecyclohexanamine	CAS: 164383-18-0	> 2500 mg/kg Rat		
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	CAS: 64742-48-9	> 15000 mg/kg Rat	> 3000 mg/kg Rabbit	> 6.1 mg/l (vapours) Rat 4 hours

Name	Identifier	Acute Toxicity (Oral LD50)	Acute Toxicity (Dermal LD50)	Acute Toxicity (Inhalation LC50)
nonane	CAS: 111-84-2			17000 mg/l (vapours) Rat 4 hours
OCTANE	CAS: 111-65-9			25260 ppmV (gas) Rat 4 hours

11.1.2 Acute toxicity:

Acute Toxicity (Oral LD50)	No information available.
Acute Toxicity (Dermal LD50)	No information available.
Acute Toxicity (Inhalation LC50)	No information available.

11.1.3 Skin Corrosion/Irritation:

No information available.

11.1.4 Serious eye damage/irritation:

No information available.

11.1.5 Respiratory or skin sensitisation:

Respiratory sensitisation	No information available.
Skin sensitisation	No information available.

11.1.6 Germ cell mutagenicity:

Genotoxicity - In Vitro	No information available.
Genotoxicity - In Vivo	No information available.

11.1.7 Carcinogenicity:

Carcinogenicity	No information available.
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11.1.8 Specific target organ toxicity - single exposure:

STOT - Single exposure	No information available.
STOT - Repeated exposure	No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.2. Toxicity

No ecological toxicity available on the overall finished product.

Ecological Information on ingredients

Name	Identifier	Acute Toxicity – Aquatic Invertebrates	Acute Toxicity – Aquatic Plants	Acute Toxicity – Fish
2-ISOPROPOXYETHANOL	CAS: 109-59-1	EC50 48 hours 3610 mg/l Daphnia magna		
Crystalline silica (Quartz)	CAS: 14808-60-7		IC50 72 hours 32.9 mg/l Freshwater plants	LC50 96 hours 527 mg/l Pimephales promelas (Fat-head Minnow)
ETHANOL	CAS: 64-17-5	EC50 48 hours 2 mg/l Daphnia magna		LC50 13400 mg/l Onchorhynchus mykiss (Rainbow trout) LC50 14200 mg/l Pimephales promelas (Fat-head Minnow)
Isotridecylalcohol, ethoxylated, phosphated, compd. with' N,N-dimethylcyclohexanamine	CAS: 164383-18-0			LC50 96 hours 1-10 mg/l Onchorhynchus mykiss (Rainbow trout)
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	CAS: 64742-48-9			LC50 96 hours > 100 mg/l Freshwater fish
OCTANE	CAS: 111-65-9		IC50 96 hours 0.14 mg/l Selenastrum capricornutum	

12.3. Persistence and degradability

Degradability The degradability of the product has not been stated.

12.4 Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.5. Mobility in soil

Mobility: No information available.

12.6. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.7. 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
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14.3. Transport hazard class(es)

ADR/RID/ADN	3
ADR/RID/ADN Class	3
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



3

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
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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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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15.1.1 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.

15.1.2 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)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Indication of Changes	This is second issue.
Revision Date	20/08/2015
Revision	2
Risk Phrases in Full	R34 Causes burns. R10 Flammable. R20/21 Harmful by inhalation and in contact with skin. R21 Harmful in contact with skin. R65 Harmful: may cause lung damage if swallowed. R36/38 Irritating to eyes and skin. R36 Irritating to eyes. R38 Irritating to skin. R40 Limited evidence of a carcinogenic effect. R53 May cause long-term adverse effects in the aquatic environment. R43 May cause sensitization by skin contact. R66 Repeated exposure may cause skin dryness or cracking. R41 Risk of serious damage to eyes. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

- 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
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H336 May cause drowsiness or dizziness
- H351 Suspected of causing cancer
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H411 Toxic to aquatic life with long lasting effects
- H413 May cause long lasting harmful effects to aquatic life

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.