



SAFETY DATA SHEET
Fleetwood Difficult Surfaces Hi Heat All in one paint and Primer

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

1.1. Product identifier

Product name Fleetwood Difficult Surfaces Hi Heat All in one paint and Primer

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

Identified uses Paint or paint related material.

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 Acute Tox. 4 - H312; Acute Tox. 4 - H332; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Muta. 1B - H340; Carc. 1B - H350
Environment Not classified.

Classification (1999/45/EEC) Carc. Cat. 2; R45, Muta Cat. 2; R46. Xn; R20/21. Xi; R38. R43. R10.

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

2.2. Label elements

Contains ETHYLBENZENE
Methyl Ethyl Ketoxime
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED
White Spirit
XYLENE

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



Signal Word Danger

Hazard Statements
H226 Flammable liquid and vapour.

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H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H340	May cause genetic defects.
H350	May cause cancer.

Supplementary Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P405	Store locked up.

Supplemental label information

RCH002	Restricted to professional users.
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2.3. Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

2,6-di-tert-butyl-p-cresol	< 1%
CAS-No.: 128-37-0	EC No.: 204-881-4
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.
2-METHYLPENTANE-2,4-DIOL	1-10%
CAS-No.: 107-41-5	EC No.: 203-489-0
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38
Carbon Black	1-10%
CAS-No.: 1333-86-4	EC No.: 215-609-9
	Registration Number: 01-2119384822-32
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.
ETHANOL	< 1%
CAS-No.: 64-17-5	EC No.: 200-578-6
	Registration Number: 01-2119457610-43-xxxx
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11

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ETHYLBENZENE		30-40%
CAS-No.: 100-41-4	EC No.: 202-849-4	
Classification (EC 1272/2008) Flam. Sol. 1 - H228 Acute Tox. 4 - H332 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R20,R65. F;R11.	
Hydrocarbons, C9-C11,n-alkanes, isoalkanes, cyclics,		1-10%
CAS-No.:	EC No.: 919-857-5	Registration Number: 01-2119463258-33
Classification (EC 1272/2008) EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.	
METHANOL		< 1%
CAS-No.: 67-56-1	EC No.: 200-659-6	Registration Number: 01-2119433307-44-XXXX
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25	
Methyl Ethyl Ketoxime		1-10%
CAS-No.: 96-29-7	EC No.: 202-496-6	
Classification (EC 1272/2008) Acute Tox. 4 - H312 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351	Classification (67/548/EEC) Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41	
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED		1-10%
CAS-No.: 8052-41-3	EC No.: 232-489-3	
Classification (EC 1272/2008) Muta. 1B - H340 Carc. 1B - H350 Asp. Tox. 1 - H304	Classification (67/548/EEC) Carc. Cat. 2;R45 Muta. Cat. 2;R46 Xn;R65	
White Spirit		1-10%
CAS-No.: 64742-82-1	EC No.: 265-185-4	

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Classification (EC 1272/2008) Muta. 1B - H340 Carc. 1A - H350 Asp. Tox. 1 - H304	Classification (67/548/EEC) Carc. Cat. 1;R45, Muta. Cat. 1;R46. Xn;R65.	
XYLENE	40-60 %	
CAS-No.: 1330-20-7	EC No.: 215-535-7	Registration Number: 01-2119488216-32
Classification (EC 1272/2008) Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R20/21,R65. Xi;R38. R10.	
ZIRCONIUM CARBOXYLATE	1-10%	
CAS-No.: 22464-99-9	EC No.: 245-018-1	
Classification (EC 1272/2008) Skin Irrit. 2 - H315	Classification (67/548/EEC) Xi;R38.	

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

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 if any discomfort continues.

Ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

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

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

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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 as an extinguisher, as this will spread the fire.

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

Solvent vapours may form explosive mixtures with air.

Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

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. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

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.

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. 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. 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. Avoid contact with oxidising agents. Store in cool dry areas away from direct sunlight or sources of ignition. Store away from other chemicals. Protect from frost.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHYLPENTANE-2,4-DIOL	WEL	25 ppm	123 mg/m3	25 ppm	123 mg/m3	
Carbon Black	OEL	ppm	3.5 mg/m3	ppm	7 mg/m3	
ETHANOL	OEL	1000 ppm	No std.	No std.	No std.	
ETHYLBENZENE	OEL	100 ppm(Sk)	442 mg/m3(Sk)	200 ppm(Sk)	884 mg/m3(Sk)	
METHANOL	OEL	200 ppm	260 mg/m3	No std.	No std.	
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED	OEL	100 ppm	573 mg/m3	No std.	No std.	
XYLENE	OEL	50 ppm(Sk)	221 mg/m3(Sk)	100 ppm(Sk)	442 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

OEL = Occupational Exposure Limit.

Ingredient Comments

Ireland, Occupational Exposure Limits 2011 OEL = Occupational Exposure Limit. SK = Can be absorbed through the skin.

XYLENE (CAS: 1330-20-7)

DNEL

Professional	Inhalation.	Short Term	Systemic Effects	289 mg/m3
Professional	Inhalation.	Short Term	Local Effects	289 mg/m3
Professional	Dermal	Long Term	Systemic Effects	180 mg/kg/day
Professional	Inhalation.	Long Term	Systemic Effects	77 mg/m3
Consumer	Inhalation.	Short Term	Systemic Effects	174 mg/m3
Consumer	Inhalation.	Short Term	Local Effects	174 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	108 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	1.6 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	14.8 mg/m3

PNEC

Freshwater	0.327	mg/l
Marinewater	12.46	mg/kg
Sediment (Marinewat	12.46	mg/kg
Soil	2.31	mg/kg
STP	6.58	mg/l
Intermittent release	0.327	mg/l

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.

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Hand 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

Eye protection

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

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.

Personal protection

Do not inhale vapours. Avoid contact with eyes and skin.

Skin protection

Direct contact with skin must be prevented.

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

Appearance	Liquid
Colour	Black.
Odour	Not determined.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	Not determined.
Melting point (°C)	Not determined.
Relative density	0.95 - 0.99 g/ml 20°C
Bulk Density	Not determined.
Vapour density (air=1)	Heavier than air
Vapour pressure	Not determined.
Evaporation rate	Not determined.
Evaporation Factor	Not determined.
pH-Value, Conc. Solution	Not determined.
Viscosity	3.5 - 4.0 Ps 25 °C
Solubility Value (G/100G H ₂ O@20°C)	Not determined.
Decomposition temperature (°C)	400°C
Odour Threshold, Lower	Not determined.
Flash point (°C)	25°C OC (Open cup).
Auto Ignition Temperature (°C)	Not determined.
Flammability Limit - Lower(%)	L.E.L. 30 g/m ³

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Partition Coefficient (N-Octanol/Water) log Kow
3.12 - 3.2

Explosive properties

Not determined.

Oxidising properties

Not determined.

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

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.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances. Strong alkalis.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Serious eye damage/irritation:

No information available.

Respiratory or skin sensitisation:

Skin sensitisation

No information available.

Germ cell mutagenicity:

Genotoxicity - In Vitro

No information available.

Genotoxicity - In Vivo

No information available.

Carcinogenicity:

Carcinogenicity

No information available.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

No information available.

Reproductive Toxicity - Development

No information available.

Specific target organ toxicity - single exposure:

STOT - Single exposure

No information available.

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Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

No information available.

Inhalation

Vapour from this chemical can be hazardous when inhaled.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

Eye contact

May cause irritation to eyes.

Route of entry

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

Toxicological information on ingredients.

ETHANOL (CAS: 64-17-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

7060 mg/kg

Acute Toxicity (Inhalation LC50)

124.7 mg/l (vapours) Rat 4 hours

XYLENE (CAS: 1330-20-7)

Acute toxicity:

Acute Toxicity (Inhalation LC50)

5000 ppmV (gas) Rat 4 hours

METHANOL (CAS: 67-56-1)

Acute toxicity:

Acute Toxicity (Oral LD50)

5628 mg/kg Rat

Acute Toxicity (Dermal LD50)

15800 mg/kg Rat

Acute Toxicity (Inhalation LC50)

64000 ppmV (gas) Rat 4 hours

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains substances which are toxic 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.

12.2. Persistence and degradability

Degradability

The degradability of the product has not been stated.

12.3. Bioaccumulative potential

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Bioaccumulative potential

The product contains potentially bioaccumulating substances.

Partition coefficient

log Kow 3.12 - 3.2

12.4. Mobility in soil

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

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

Do not allow to enter drains, sewers or watercourses.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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 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.

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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

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

General information

This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.

Revision Comments

This is first issue.

Revision 1

Risk Phrases In Full

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20	Harmful by inhalation.
R21	Harmful in contact with skin.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R36/38	Irritating to eyes and skin.
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.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Hazard Statements In Full

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H370	Causes damage to organs <<Organs>>.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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.