

Product Fleetwood Anti-Slip Additive
 Revision date 25 July 2022
 Revision 1



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	Fleetwood Anti-Slip Additive
Other means of identification	No information available.

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

Identified uses	Paint or paint related material.
Uses advised against	Any other purpose.

1.3 Details of the supplier of the safety data sheet

Supplier	FSW Coatings Virginia County Cavan Ireland Tel: Tel: 353 49854 7209
Contact person	info@fsw.ie

1.4 Emergency telephone number

Emergency telephone	+ 353 49854 7209 (Between 0900 and 1700 hrs Monday-Friday)
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Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)	
Physical and chemical hazards	Not classified
Human health	Not classified
Environment	Not classified

2.2 Label elements

Contains	Not applicable
Label in accordance with (EC) no. 1272/2008	No pictogram required
Signal word	No Signal Word
Hazard statements	No hazard statements required
Precautionary statements	No precautionary statements required

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	%
Glass, oxide, chemicals	CAS-No.: 65997-17-3 EC No.: 266-046-0		90-99%

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.

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. First aid personnel must be aware of own risk during rescue.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician.
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops. Consult a physician if necessary.
Eye contact	Do not rub eye. Remove contact lenses if present and easy to do so. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	High dust levels may irritate the respiratory system.
Ingestion	No specific symptoms noted.
Skin contact	Prolonged or repeated contact may be irritating to the skin.
Eye contact	Dust can cause mechanical 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.
Unsuitable extinguishing media	High volume water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	Combustion products may include and are not limited to: Oxides of carbon.
Unusual fire & explosion hazards	Fine dust if dispersed in air in sufficient concentrations and if in presence of a ignition source is a potential dust explosion hazard.
Specific hazards	During fire, gases hazardous to health may be formed.

5.3 Advice for firefighters

Special fire fighting procedures	Avoid breathing fire vapours. Keep up-wind to avoid fumes. Fight advanced or massive fires from safe distance or protected location.
Protective equipment for firefighters	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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear protective clothing as described in Section 8 of this safety data sheet. Ensure adequate ventilation. Evacuate and ventilate area. Eliminate all sources of ignition. Avoid contact with skin, eyes and clothing. Avoid dust formation.
For emergency responders	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.
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6.3 Methods and material for containment and cleaning up

Spill clean up methods	Wear appropriate personal protective equipment as specified in Section 8. Ventilate and evacuate the area. Eliminate all ignition sources. Take care not to raise dust. Sweep up and place in suitable clean, dry and labelled containers for reclamation or later disposal. Use non sparking tools or equipment for clean up. Clean contaminated surface thoroughly.
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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.
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Section 7: Handling and storage

7.1 Precautions for safe handling

Handling	Use proper personal protection when handling (refer to Section 8). Avoid inhalation of dust and contact with skin and eyes. Keep away from heat and sources of ignition. Provide appropriate exhaust ventilation at places where dust is formed. Avoid generation of dust clouds/accumulation of dust in work area. Formation of sparks and static electricity must be prevented. Avoid prolonged or repeated exposure. Remove and wash contaminated clothing before reusing. Do not eat, drink or smoke when using the product.
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7.2 Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from incompatible materials (see section 10). Protect from moisture. Keep away from direct sunlight.
Storage class	Chemical storage

7.3 Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	Use only according to directions. Keep container tightly closed and sealed when not in use.

Section 8: Exposure controls/Personal protection

8.1 Control parameters

Ingredient comments	Ireland, Occupational Exposure Limits 2021. No exposure limits noted for ingredient(s). Where exposure limits have not been established for specific components of this material, please observe the following general limits for non specific particulates or dust: Please note the OELV (TWA, 8 hour) for 'Dusts, non-specific' are - Total inhalable dust: 10 mg/m ³ ; Respirable dust: 4 mg/m ³ . [Ireland, Code of Practice for the Chemical Agents Regulations 2021.]
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8.2 Exposure Controls

Protective equipment	
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Engineering measures	Provide adequate ventilation, including appropriate local extraction. Where necessary use lighting and electrical equipment designed for use in atmospheres where dusts are present, and which can direct static electricity by grounding equipment.
Respiratory equipment	The specific respirator selected must be based on contamination levels found in the work place. Use respiratory protection as specified by an industrial hygienist or other qualified professional. Suggested PPE: For nuisance exposures use type P1 (EU EN 143) particle respirator. For higher level protection use type ABEK-P2 (EU EN 143) respirator cartridges. Consult manufacturer for specific advice. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).
Hand protection	Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. Suggested material: (Suggested suitable materials for longer, direct contact or splash contact) Nitrile. Layer thickness: 0.11 mm. Breakthrough time: >480 minutes. 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.
Eye protection	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).
Other protection	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 eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.
Process conditions	Ensure that eye flushing systems and safety showers are located close by in the work place.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Fine powder.
Colour	Greyish-white.
Odour	None.
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	No information available as testing has not been completed.
pH-Value, Diluted solution	No information available as testing has not been completed.
Melting point	Approximately 700°C
Initial boiling point and boiling range	No information available as testing has not been completed.
Flash point	No information available as testing has not been completed.
Evaporation rate	No information available as testing has not been completed.
Flammability state	No information available as testing has not been completed.
Flammability limit - lower(%)	Not flammable
Flammability limit - upper(%)	Not flammable
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	1.45 +/- 0.2

Bulk density	No information available as testing has not been completed.
Solubility	Insoluble.
Decomposition temperature	No information available as testing has not been completed.
Partition coefficient; n- Octanol/Water	No information available as testing has not been completed.
Auto ignition temperature (°C)	No information available as testing has not been completed.
Viscosity	No information available as testing has not been completed.
Explosive properties	Danger of dust explosion.
Oxidising properties	The product does not meet the criteria to be classified as oxidising.

9.2 Other information

Molecular weight	No information available as testing has not been completed.
Volatile organic compound	No information available as testing has not been completed.
Other information	None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity	Stable under recommended transport or storage conditions. See section 10.3 for further information.
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10.2 Chemical stability

Stability	Stable under normal temperatures and pressures.
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10.3 Possibility of hazardous reactions

Hazardous reactions	Dust or fine powder from processing operations dispersed in air in a confined space could be explosive in the presence of an ignition source.
Hazardous polymerisation	Will not polymerise.
Polymerisation description	Unknown.

10.4 Conditions to Avoid

Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid dust formation. Avoid exposure to direct sunlight. Protect from moisture.
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10.5 Incompatible materials

Materials to avoid	Avoid strong oxidising agents, bases, strong acids.
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10.6 Hazardous decomposition products

Hazardous decomposition products	Decomposition products can include and are not limited to: Carbon oxides.
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Section 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Toxicological information	When tested for primary irritation potential, a similar material was practically non-irritating to the eyes and slightly irritating to the skin. The acute oral toxicity of this product has not been tested. A similar spherical glass powder was nontoxic to rats at 5,000 mg/kg. All animals survived, gained weight and appeared active and healthy. There were no signs of gross toxicity, adverse pharmacologic effects or abnormal behavior.
Acute toxicity (Oral LD50)	No information available as testing has not been completed.

Acute toxicity (Dermal LD50)	No information available as testing has not been completed.
Acute toxicity (Inhalation LD50)	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	The product is not classified as a respiratory hazard.
Skin sensitisation	The product is not 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 - Single exposure:	
STOT - Single exposure	The product is not classified as a single exposure specific target organ toxin.
Specific target organ toxicity - Repeated exposure:	
STOT - Repeated exposure	The product is not classified as a repeat exposure specific target organ toxin.
Inhalation	High dust levels may irritate the respiratory system.
Ingestion	No specific symptoms noted.
Skin contact	Prolonged or repeated contact may be irritating to the skin.
Eye contact	Dust can cause mechanical irritation.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	Eyes, skin, ingestion or inhalation.
Target organs	No target organs specified.
Aspiration hazards:	The product is not classified as an aspiration hazard.
Reproductive toxicity:	The product is not classified as a reproductive hazard.

11.2 Information on other hazards

Information on other hazards	None known.
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Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	No information available as testing has not been completed.
Acute toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Acute toxicity - Aquatic plants	No information available as testing has not been completed.
Acute toxicity - Microorganisms	No information available as testing has not been completed.
Chronic toxicity - Fish	No information available as testing has not been completed.
Chronic toxicity - Aquatic invertebrates	No information available as testing has not been completed.
Chronic toxicity - Aquatic plants	No information available as testing has not been completed.
Chronic toxicity - Microorganisms	No information available as testing has not been completed.
Ecotoxicity	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 toxicological information	Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

12.2 Persistence and degradability

Degradability	No information available as testing has not been completed.
Biological oxygen demand	No information available as testing has not been completed.
Chemical oxygen demand	No information available as testing has not been completed.

12.3 Bioaccumulative potential

Bioaccumulative potential	No information available as testing has not been completed.
Bioaccumulation factor	No information available as testing has not been completed.
Partition coefficient; n-Octanol/Water	No information available as testing has not been completed.

12.4 Mobility in soil

Mobility The product is soluble in water.

12.5 Results of PBT and vPvB assessment

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.

Section 13: Disposal considerations

Waste management When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1 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. For waste disposal, use a licensed industrial waste disposal agent.

Section 14: Transport information**14.1 UN number or ID number**

UN no. (ADR) Not applicable.
UN no. (IMDG) Not applicable.
UN no. (IATA) Not applicable.

14.2 UN proper shipping name

ADR proper shipping name Not applicable.
IMDG proper shipping name Not applicable.
IATA proper shipping name Not applicable.

14.3 Transport hazard class(es)

ADR class Not applicable.
IMDG class Not applicable.
IATA class Not applicable.

Transport labels Not applicable

14.4 Packing group

ADR/RID/ADN packing group Not applicable.
IMDG packing group Not applicable.
IATA packing group Not applicable.

14.5 Environmental hazards

ADR No
IMDG No
IATA No

14.6 Special precautions for user

EMS Not applicable.
Emergency action code Not applicable.
Hazard no. (ADR) Not applicable.
Tunnel restriction code Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information

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

EU legislation 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. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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 Regulation (EC) No 453/2010.
Revision comments This is a first issue.
Revision date 25 July 2022
Revision 1
Safety data sheet status Approved.

Hazard statements in full

Disclaimer

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