

Product Terminator
 Revision date 16 October 2018
 Revision 1



Safety Data Sheet (SDS)

Section 1: Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Product name Terminator
Synonyms, Trade names No information available.

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

Identified uses No specific uses identified.
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

1.4 Emergency telephone number

Emergency telephone + 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 2- H225
 Human health Acute Tox 4 - H302, STOT SE 2 - H371
 Environment Not classified

2.2 Label elements

Contains methanol

Label in accordance with (EC) no. 1272/2008



Signal word Danger

Hazard statements H225 Highly flammable liquid and vapour.
 H302 Harmful if swallowed.
 H371 May cause damage to organs.

Precautionary statements **Prevention**
 P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.
 P240 Ground/bond container and receiving equipment.
 P243 Take precautionary measures against static discharge.
 P260 Do not breathe dust/fume/ gas/mist/vapours/spray.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

2.3 Other hazards

None known.

Section 3: Composition/identification of ingredients**3.1 Substance**

Not applicable.

3.2 Mixtures

Name	Product identifier	Reg. EU 1272/2008	%
ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6	Eye Irrit.2A - H319, Flam. Liq 2- H225	30-60%
Kaolin	CAS-No.: 1332-58-7 EC No.: 310-194-1		10-30%
titanium dioxide	CAS-No.: 13463-67-7 EC No.: 236-675-5 REACH Reg No.: 01-2119489379-17-XXXX		10-30%
methanol	CAS-No.: 67-56-1 EC No.: 200-659-6 REACH Reg No.: 01-2119433307-44-XXXX	Acute Tox 3 - H301, Acute Tox 3 - H311, Acute Tox 3 - H331, Flam. Liq 2- H225, STOT SE 1 - H370	1-10%

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**

General first aid, rest, warmth and fresh air.

Inhalation

Move the exposed person to fresh air at once.

Ingestion

Immediately rinse mouth and drink plenty of water. Never give liquid to an unconscious person.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water for up to 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed**General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation

No specific symptoms noted, inhalation is not believed to be a likely route of exposure.

Ingestion

Harmful if swallowed.

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**Notes to the physician**

Treat symptomatically.

Section 5: Fire-fighting measures**5.1 Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

No unsuitable extinguishing media.

5.2 Special hazards arising from the substance or mixture**Hazardous combustion products**

During fire, gases hazardous to health may be formed.

Unusual fire & explosion hazards

No unusual fire or explosion hazards noted.

Specific hazards No specific hazards are identified for the product.

5.3 Advice for firefighters

Special fire fighting procedures Avoid breathing fire vapours. Ventilate closed spaces before entering them. Water spray should be used to cool containers.

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

Personal precautions For personal protection, see section 8. In case of inadequate ventilation, use respiratory protection. Do not smoke, use open fire or other sources of ignition. In case of spills, beware of slippery floors and surfaces.

For emergency responders Follow safe handling advice and personal protective equipment recommendations for normal use of product. Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions

Environmental precautions Keep out of drains, municipal sewers, open bodies of water and water course.

6.3 Methods and material for containment and cleaning up

Spill clean up methods When dealing with a spillage, please consult the section relating to suitable protective measures.

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 Use proper personal protection when handling (refer to Section 8). Use under well-ventilated conditions. Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Avoid prolonged or repeated contact. Do NOT ingest. Wash thoroughly after handling. Rinse container before disposal. Do not mix with other chemicals. Keep out of reach of children and pets.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Avoid cold temperatures. Store in tightly closed containers in cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles. Do not store in unlabeled containers. Keep away from oxidizing materials. Keep away from other chemicals.

Storage class No information available.

7.3 Specific end use(s)

Specific end use(s) The identified uses are in section 1 of this Safety Data Sheet.

Usage description Use only according to directions.

Section 8: Exposure controls/Personal protection

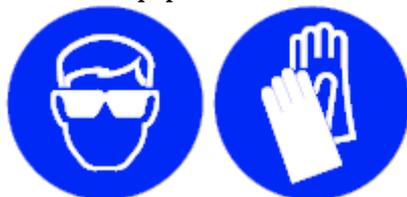
8.1 Control parameters

Component	STD	TWA (8 Hrs)	STEL (15mins)	Notes
ethanol	OEL		1000 ppm	

Kaolin	OEL		2 mg/m ³			
titanium dioxide	OEL		10 mg/m ³			
titanium dioxide	OEL		4 mg/m ³			
methanol	OEL	200 ppm	260 mg/m ³			

Ingredient comments

Ireland, Occupational Exposure Limits 2018.

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

Not normally required if good ventilation is maintained.

Hand protection

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Protective gloves complying with EN 374. 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. 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.

Eye protection

To avoid contact with eyes, use chemical splash goggles and a face shield. Eye wash station should be available in the work area. 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

Wear suitable protective clothing as protection against splashing or contamination.

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.

Process conditions

Provide eyewash station. Use only according to directions.

Section 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	White.
Odour	Alcohol odour.
Odour threshold - lower	No information available.
Odour threshold - upper	No information available.
pH-Value, Conc. Solution	7
pH-Value, Diluted solution	No information available.
Melting point	-112
Initial boiling point and boiling range	78 °C
Flash point	18 °C
Evaporation rate	No information available.
Flammability state	No information available.
Flammability limit - lower(%)	No information available.
Flammability limit - upper(%)	No information available.

Vapour pressure	58mbar
Vapour density (air=1)	No information available.
Relative density	1.34g/cm ³ @ 20.00 °C
Bulk density	No information available.
Solubility	Slightly soluble in water.
Decomposition temperature	No information available.
Partition coefficient; n-Octanol/Water	No information available.
Auto ignition temperature (°C)	No information available.
Viscosity	Non-viscous
Explosive properties	Not classified as explosive.
Oxidising properties	No information available.

9.2 Other information

Molecular weight	No information available.
Volatile organic compound	No information available.
Other information	None noted.

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity	No specific reactivity hazards associated with this product.
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10.2 Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3 Possibility of hazardous reactions

Hazardous reactions	For information on hazardous reactions see section 10.1.
Hazardous polymerisation	No information available.
Polymerisation description	No information available.

10.4 Conditions to Avoid

Conditions to avoid	None known.
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10.5 Incompatible materials

Materials to avoid	Do not mix with other chemicals unless listed on directions.
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10.6 Hazardous decomposition products

Hazardous decomposition products	When heated, vapours/gases hazardous to health may be formed.
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Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information	No toxicological information for the overall finished product.
Acute toxicity (Oral LD50)	No information available.
Acute toxicity (Dermal LD50)	No information available.

Acute toxicity (Inhalation LD50)	No information available.
Serious eye damage/irritation	None to slight.
Skin corrosion/irritation	No information available.
Respiratory sensitisation	No information available.
Skin sensitisation	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	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.
Inhalation	No specific symptoms noted, inhalation is not believed to be a likely route of exposure.
Ingestion	Harmful if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Prolonged contact may cause redness and/or tearing.
Waste management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Routes of entry	No information available.
Target organs	No target organs specified.
Aspiration hazards:	No information available.
Reproductive toxicity:	No information available.

Section 12: Ecological information

12.1 Toxicity

Acute toxicity - Fish	No information available.
Acute toxicity - Aquatic invertebrates	No information available.
Acute toxicity - Aquatic plants	No information available.
Acute toxicity - Microorganisms	No information available.
Chronic toxicity - Fish	No information available.
Chronic toxicity - Aquatic invertebrates	No information available.
Chronic toxicity - Aquatic plants	No information available.
Chronic toxicity - Microorganisms	No information available.
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	No ecological toxicity available on the overall finished product.

12.2 Persistence and degradability

Degradability	The degradability of the product has not been stated.
Biological oxygen demand	No information available.
Chemical oxygen demand	No information available.

12.3 Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Bioaccumulation factor	No information available.
Partition coefficient; n-Octanol/Water	No information available.

12.4 Mobility in soil

Mobility	No information available.
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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 Other adverse effects

Other adverse effects No information available.

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.

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

UN no. (ADR)	UN1263
UN no. (IMDG)	UN1263
UN no. (IATA)	UN1263

14.2 UN proper shipping name

ADR proper shipping name	PAINT or PAINT RELATED MATERIAL
IMDG proper shipping name	PAINT or PAINT RELATED MATERIAL
IATA proper shipping name	PAINT RELATED MATERIAL

14.3 Transport hazard class(es)

ADR class	3
IMDG class	3
IATA class	3

Transport labels

**14.4 Packing group**

ADR/RID/ADN packing group	II
IMDG packing group	II
IATA packing group	II

14.5 Environmental hazards

ADR	No
IMDG	No
IATA	No

14.6 Special precautions for user

EMS	F-E, S-E
Emergency action code	A3 A72 A192
Hazard no. (ADR)	33
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

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 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
Approved code of practice	2018 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).
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	16 October 2018
Revision	1
Safety data sheet status	Approved.

Hazard statements in full

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H370	Causes damage to organs .
H302	Harmful if swallowed.
H371	May cause damage to organs .

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.