

Product Quick Dry Matt Varnish  
 Revision date 01 April 2019  
 Revision 1



**Safety Data Sheet (SDS)**  
 according to Regulation (EC) No. 1907/2006

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

**1.1 Product identifier**

<b>Product name</b>	<b>Quick Dry Matt Varnish</b>
<b>Synonyms, Trade names</b>	No information available.

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

<b>Identified uses</b>	Paint or paint related material.
<b>Uses advised against</b>	No uses advised against are identified.

**1.3 Details of the supplier of the safety data sheet**

<b>Supplier</b>	FSW Coatings Ltd. Virginia Co Cavan Ireland Tel: 353 49854 7209
<b>Contact person</b>	info@fsw.ie

**1.4 Emergency telephone number**

<b>Emergency telephone</b>	+ 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**

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

**2.2 Label elements**

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

**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	%
isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol	CAS-No.: 25265-77-4 EC No.: 246-771-9 REACH Reg No.: 01-2119441305-48-0002		1-10%
propane-1,2-diol	CAS-No.: 57-55-6 EC No.: 200-338-0 REACH Reg No.: 01-2119456809-23-0000		1-10%
2-butoxyethanol	CAS-No.: 111-76-2 EC No.: 203-905-0 REACH Reg No.: 01-2119475108-36-XXXX	Acute Tox 4 - H302, Acute Tox 4 - H312, Acute Tox 4 - H332, Skin Irrit.2 - H315, Eye Irrit.2A - H319	0-1%
Alcohols, C12-14, ethoxylated	CAS-No.: 68439-50-9 EC No.: 500-213-3	Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412	0-1%
2-(2-(2-butoxyethoxy)ethoxy)ethanol	CAS-No.: 143-22-6 EC No.: 205-592-6 REACH Reg No.: 01-2119531322-53	Eye Dam. 1 - H318	0-1%
(2-methoxymethylethoxy)propanol	CAS-No.: 34590-94-8 EC No.: 252-104-2 REACH Reg No.: 01-2119450011-60-XXXX		0-1%
Tetrasodium pyrophosphate	CAS-No.: 7722-88-5 EC No.: 231-767-1		0-1%
formaldehyde ... %	CAS-No.: 50-00-0 EC No.: 200-001-8	Acute Tox 3 - H301, Acute Tox 2 - H310, Skin Corr. 1B - H314, Skin. Sens 1 - H317, Acute Tox 3 - H331, Muta. 2- H341, Carc. 1B - H350	0-1%

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**

If this product is Inhaled, move the exposed person to fresh air promptly. Seek medical attention if symptoms persist.

**Ingestion**

Rinse mouth thoroughly. Get medical attention if symptoms occur.

**Skin contact**

Seek medical attention if irritation persists. Remove contaminated clothes and rinse skin thoroughly with water. Wash skin thoroughly with soap and water.

**Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Remove contact lenses if worn. If irritation persists, seek medical attention immediately.

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

The product is non hazardous.

**Inhalation**

No specific symptoms noted.

**Ingestion**

No specific symptoms noted.

**Skin contact**

No specific symptoms noted.

**Eye contact**

No specific symptoms noted.

**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**

This product is not flammable.

**Unsuitable extinguishing media**

No unsuitable extinguishing media identified.

**5.2 Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	None under normal conditions.
<b>Unusual fire &amp; explosion hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific hazards</b>	None noted.

**5.3 Advice for firefighters**

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

<b>Personal precautions</b>	Ensure adequate ventilation. Do not smoke, use open fire or other sources of ignition. Use personal protective equipment. Read and follow manufacturer's recommendations.
<b>For emergency responders</b>	Follow safe handling advice and personal protective equipment recommendations for normal use of product.

**6.2 Environmental precautions**

<b>Environmental precautions</b>	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**

<b>Spill clean up methods</b>	Wash thoroughly after dealing with a spillage. Place into chemical waste container for disposal according to local, state or federal regulations. Flush spill area large amounts of with water.
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**6.4 Reference to other sections**

<b>Reference to other sections</b>	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**

<b>Handling</b>	Provide good ventilation. Wash thoroughly after handling. Eliminate all sources of ignition. Use proper personal protection when handling (refer to Section 8).
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**7.2 Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
<b>Storage class</b>	No information available.

**7.3 Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.
<b>Usage description</b>	Use only according to directions.

**Section 8: Exposure controls/Personal protection****8.1 Control parameters**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
propane-1,2-diol	OEL	150 ppm	470 mg/m <sup>3</sup>			
propane-1,2-diol	OEL		10 mg/m <sup>3</sup>			
2-butoxyethanol	OEL	20 ppm	98 mg/m <sup>3</sup>	50 ppm	246 mg/m <sup>3</sup>	

(2-methoxymethylethoxy)propanol	OEL	50 ppm	308 mg/m <sup>3</sup>			
Tetrasodium pyrophosphate	OEL		5 mg/m <sup>3</sup>			
formaldehyde ... %	OEL	0.2 ppm		0.4 ppm		

**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**

No personal respiratory protective equipment normally required.

**Hand protection**

Use suitable protective gloves if there is a risk of skin contact. 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**

Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

**Other protection**

Protective clothing not required for normal use of the product.

**Hygiene measures**

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety practice.

**Process conditions**

Use only according to directions.

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Clear & various colours.
<b>Odour</b>	Faint.
<b>Odour threshold - lower</b>	No information available.
<b>Odour threshold - upper</b>	No information available.
<b>pH-Value, Conc. Solution</b>	>8.1
<b>pH-Value, Diluted solution</b>	No information available.
<b>Melting point</b>	May start to solidify at the temperatures below 2°C. This is based on data for the following ingredient: water
<b>Initial boiling point and boiling range</b>	>42°C
<b>Flash point</b>	Closed cup: Not applicable. (Product does not sustain combustion.)
<b>Evaporation rate</b>	No information available.
<b>Flammability state</b>	Non flammable.
<b>Flammability limit - lower(%)</b>	No information available.
<b>Flammability limit - upper(%)</b>	Upper: 0%
<b>Vapour pressure</b>	Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted average: 3.12 kPa (23.4 mm Hg) (at 20°C)
<b>Vapour density (air=1)</b>	Highest known value: 7.5 (Air = 1) (isobutyric acid, monoester with 2,2, 4-trimethylpentan-1,3-diol).

<b>Relative density</b>	1.02
<b>Bulk density</b>	No information available.
<b>Solubility</b>	Partially soluble in cold water.
<b>Decomposition temperature</b>	Stable under normal handling and storage conditions.
<b>Partition coefficient; n-Octanol/Water</b>	No information available.
<b>Auto ignition temperature (°C)</b>	No information available.
<b>Viscosity</b>	Kinematic (40°C): >0.25 cm <sup>2</sup> /s
<b>Explosive properties</b>	Not classified as explosive.
<b>Oxidising properties</b>	The product does not meet the criteria to be classified as oxidising.

## **9.2 Other information**

<b>Molecular weight</b>	No information available.
<b>Volatile organic compound</b>	33.00 g/litre
<b>Other information</b>	Weight Solids 32.0 +/- 1.0% Volume Solids 30.5% +/- 1.0%

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## **Section 10: Stability and reactivity**

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### **10.1 Reactivity**

<b>Reactivity</b>	No specific reactivity hazards associated with this product.
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### **10.2 Chemical stability**

<b>Stability</b>	Stable under normal temperature conditions and recommended use.
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### **10.3 Possibility of hazardous reactions**

<b>Hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerisation</b>	No information available.
<b>Polymerisation description</b>	No information available.

### **10.4 Conditions to Avoid**

<b>Conditions to avoid</b>	None known.
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### **10.5 Incompatible materials**

<b>Materials to avoid</b>	Do not mix with other chemicals unless listed on directions.
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### **10.6 Hazardous decomposition products**

<b>Hazardous decomposition products</b>	None under normal conditions.
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## **Section 11: Toxicological information**

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### **11.1 Information on toxicological effects**

<b>Toxicological information</b>	No toxicological information for the overall finished product.
<b>Acute toxicity (Oral LD50)</b>	No information available.
<b>Acute toxicity (Dermal LD50)</b>	No information available.
<b>Acute toxicity (Inhalation LD50)</b>	No information available.
<b>Serious eye damage/irritation</b>	Product is not classified as an eye irritant.

<b>Skin corrosion/irritation</b>	No information available.
<b>Respiratory sensitisation</b>	No information available.
<b>Skin sensitisation</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Specific target organ toxicity - Single exposure:</b>	
<b>STOT - Single exposure</b>	No information available.
<b>Specific target organ toxicity - Repeated exposure:</b>	
<b>STOT - Repeated exposure</b>	No information available.
<b>Inhalation</b>	No specific symptoms noted.
<b>Ingestion</b>	No specific symptoms noted.
<b>Skin contact</b>	No specific symptoms noted.
<b>Eye contact</b>	No specific symptoms noted.
<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Routes of entry</b>	No information available.
<b>Target organs</b>	No target organs specified.
<b>Aspiration hazards:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.

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## Section 12: Ecological information

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### 12.1 Toxicity

<b>Acute toxicity - Fish</b>	No information available.
<b>Acute toxicity - Aquatic invertebrates</b>	No information available.
<b>Acute toxicity - Aquatic plants</b>	No information available.
<b>Acute toxicity - Microorganisms</b>	No information available.
<b>Chronic toxicity - Fish</b>	No information available.
<b>Chronic toxicity - Aquatic invertebrates</b>	No information available.
<b>Chronic toxicity - Aquatic plants</b>	No information available.
<b>Chronic toxicity - Microorganisms</b>	No information available.
<b>Ecotoxicity</b>	No Ecological information on the finished product.
<b>Eco toxicological information</b>	Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

### 12.2 Persistence and degradability

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

### 12.3 Bioaccumulative potential

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

### 12.4 Mobility in soil

<b>Mobility</b>	No information available.
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### 12.5 Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	No information available.
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**12.6 Other adverse effects**

<b>Other adverse effects</b>	No data available.
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**Section 13: Disposal considerations**

<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
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**13.1 Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations.
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**Section 14: Transport information****14.1 UN number**

<b>UN no. (ADR)</b>	Not applicable.
<b>UN no. (IMDG)</b>	Not applicable.
<b>UN no. (IATA)</b>	Not applicable.

**14.2 UN proper shipping name**

<b>ADR proper shipping name</b>	Not applicable.
<b>IMDG proper shipping name</b>	Not applicable.
<b>IATA proper shipping name</b>	Not applicable.

**14.3 Transport hazard class(es)**

<b>ADR class</b>	Not applicable.
<b>IMDG class</b>	Not applicable.
<b>IATA class</b>	Not applicable.

<b>Transport labels</b>	Not applicable
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**14.4 Packing group**

<b>ADR/RID/ADN packing group</b>	Not applicable.
<b>IMDG packing group</b>	Not applicable.
<b>IATA packing group</b>	Not applicable.

**14.5 Environmental hazards**

<b>ADR</b>	No
<b>IMDG</b>	No
<b>IATA</b>	No

**14.6 Special precautions for user**

<b>EMS</b>	Not applicable.
<b>Emergency action code</b>	Not applicable.
<b>Hazard no. (ADR)</b>	Not applicable.
<b>Tunnel restriction code</b>	Not applicable.

**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**

<b>EU legislation</b>	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.
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<b>Approved code of practice</b>	2018 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of
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the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).

**Chemical safety assessment** No chemical safety assessment has been carried out.

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**Section 16: Other information**

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<b>General information</b>	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
<b>Revision comments</b>	This is a first issue.
<b>Revision date</b>	01 April 2019
<b>Revision</b>	1
<b>Safety data sheet status</b>	Approved.

**Hazard statements in full**

<b>H302</b>	Harmful if swallowed.
<b>H312</b>	Harmful in contact with skin.
<b>H315</b>	Causes skin irritation.
<b>H319</b>	Causes serious eye irritation.
<b>H332</b>	Harmful if inhaled.
<b>H400</b>	Very toxic to aquatic life.
<b>H412</b>	Harmful to aquatic life with long lasting effects.
<b>H318</b>	Causes serious eye damage.
<b>H317</b>	May cause an allergic skin reaction.
<b>H301</b>	Toxic if swallowed.
<b>H311</b>	Toxic in contact with skin.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H335</b>	May cause respiratory irritation.
<b>H331</b>	Toxic if inhaled.
<b>H341</b>	Suspected of causing genetic defects .
<b>H350</b>	May cause cancer .

**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.