



## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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

- 1.1 Product identifier**  
Trade name **VICOTE™ Dispersion F817**
- 1.2 Other means of identification**  
CAS No. Not applicable.  
EC No. Not applicable.  
REACH Registration No. Not applicable.
- 1.3 Recommended use of the substance and restrictions on use**  
Identified use(s) The materials are generally used for coatings.
- 1.4 Details of the supplier of the safety data sheet**
- 1.4.1 Manufacturer details**  
Company Identification Victrex Manufacturing Ltd.  
Hillhouse International,  
Thornton-Cleveleys  
Lancashire, UK  
FY5 4QD  
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Fax: + 44 (0) 1253 897701  
E-Mail (competent person) [RAPS@victrex.com](mailto:RAPS@victrex.com)
- 1.4.2 Only Representative details**  
Company Identification Stewardship Chemicals 40,  
Dlugosza 67,  
43-188 Orzesze,  
Poland  
Telephone: +48 501168430  
E-Mail (competent person) [pawelskiba@stewardshipsolutions.eu](mailto:pawelskiba@stewardshipsolutions.eu)
- 1.4.3 Regional Importer Address**  
See section 16 for regional importer / supplier information
- 1.5 Emergency telephone number**  
Emergency Phone No. + 44 (0) 1253 897754 - UK  
+(49) 6192 964 900 - Europe  
+(1) 484 342 6001 - USA  
Hours of operation 09:00 – 17:00 (Monday – Friday)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Regulation (EC) No. 1272/2008 (CLP).

Skin Sensitization, hazard category 1B  
Serious eye damage, category 1  
Hazardous to the aquatic environment, long-term hazard category 3

### 2.2 Label elements (GHS)

GHS Product Identifier

Hazard pictogram(s)

According to Regulation (EC) No. 1272/2008 (CLP).  
VICOTE™ Dispersion



Signal word(s)

DANGER.

Hazard statement(s)

H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H412: Harmful to aquatic life with long lasting effects

Precautionary statement(s)

Prevention:  
P261 + P272, P280 –  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.  
P264 + P265, P280  
Wash hands thoroughly after handling. Do not touch eyes.  
P273 - Avoid release to the environment.

Response:  
P302+P352, P333 + P313, P321, P362 + P364  
IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment, take off contaminated clothing and wash it before reuse.  
P305 + P354 + P338, P317  
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get emergency medical help.

### 2.3 Other hazards

Not classified as PBT or vPvB.

PEEK polymer does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

Not explosive.

**2.4 Additional Information**

None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Classification according to Regulation EC No. 1272/2008 [CLP]:

Hazardous ingredient(s)	%W/V	CAS No	EC No	REACH Registration No.	Hazard statement(s)
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	< 1.5%	9014-85-1	500-022-5	01-2119954393-33-0000	H317/H318/H412
Docosate Sodium	< 1%	577-11-7	209-406-4	01-2119491296-29-0000	H315/H318
Alcohol	< 0.2%	64-17-5	200-578-6	None	H225
Amino ether	< 1%	110-91-8	203-815-1	None	H226/H302/H312/ H314/H332
2-(2-butoxyethoxy)ethanol	< 1.5%	112-34-5	203-961-6	01-2119475104-44-0000	H319
Cobalt aluminate blue spinel	< 5%	1345-16-0	310-193-6	01-2119963940-31-0013	Not classified *

The full composition of the product is confidential.

**3.2 Additional Information**

For full text of H/P phrases see section 16.

\* VICOTE™ Dispersion F817 contains a blue pigment. This substance is not classified according to CLP Regulation EC No. 1272/2008. Supplementary information on this substance provided by the manufacturer - *May cause skin and eye irritation. Inhalation of dusts may cause respiratory irritation. Avoid contact with eyes and prolonged or repeated contact with skin.*

**SECTION 4: FIRST AID MEASURES**



**4.1 Description of first aid measures**

Inhalation	Remove to fresh air immediately. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain immediate medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash all affected areas with plenty of water.
Eye Contact	Flush eyes with water for at least 2 minutes while holding eyelids open.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



- |   |   |
|---|---|
| <b>4.2 Most important symptoms and effects, both acute and delayed</b>                | Unlikely to be required but if necessary treat symptomatically. |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> | Unlikely to be required but if necessary treat symptomatically. |

## SECTION 5: FIRE-FIGHTING MEASURES

- |  |  |
|--|--|
| <b>5.1 Extinguishing media</b><br>Suitable Extinguishing Media<br><br>Unsuitable Extinguishing Media | In case of fire, use water spray, foam, dry powder or CO2 for extinction.<br><br>None.                   |
| <b>5.2 Special hazards arising from the substance or mixture</b>                                     | In case of fire the following can develop: Oxides of carbon.   |
| <b>5.3 Advice for fire-fighters</b>  | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. |
| <b>5.4 Other</b>   | Dispose of contaminated extinction water according to official regulations.                              |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- |  |   |
|--|---|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b> | Avoid inhalation and contact with eyes or skin. Ensure adequate ventilation to remove vapours, fumes, dust etc. |
| <b>6.2 Environmental precautions</b>   | Avoid release to the environment. Prevent surface and ground water infiltration, as well as ground penetration. |
| <b>6.3 Methods and material for containment and cleaning up</b>                | Cover spills with inert absorbent material. Sweep up and shovel into waste drums or plastic bags.               |
| <b>6.4 Reference to other sections</b>   | See sections 8, 13  |
| <b>6.5 Additional Information</b>  | None.   |

## SECTION 7: HANDLING AND STORAGE

- |  |   |
|--|---|
| <b>7.1 Precautions for safe handling</b>   | Do not get in eyes. Avoid inhalation and contact with eyes or skin. Use adequate ventilation to remove vapours (fumes, dust etc). Wash thoroughly after handling. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b><br>Storage Temperature<br>Storage Life<br>Incompatible materials | Keep away from naked flames and hot surfaces. Keep container tightly closed and dry.<br>Store at room temperature.<br>1 Year from opening<br>None known           |
| <b>7.3 Specific end use(s)</b>   | Coatings  |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters** Ensure adequate ventilation.

**8.1.1 Occupational exposure limits**

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Dust. (general dust limit value)	-	-	10			Inhalable Dust
			4			Respirable Dust.

**8.1.2 Biological limit value** None

**8.1.3 PNECs and DNELs**

### Derived No Effect Level (DNELs)

Surfactant

Industrial	Dermall	31.3	mg/kg/day	Long Term, Systemic effects
Industrial	Inhalation	44.1	mg/m <sup>3</sup>	Long Term, Systemic effects
Professional	Dermal	18.8	mg/kg/day	Long Term, Systemic effects
Professional	Inhalation	13	mg/m <sup>3</sup>	Long Term, Systemic effects
Professional	Oral	18.8	mg/kday	Long Term, Systemic effects

### Predicted No Effect Concentration (PNECs)

Surfactant

Fresh water	0.0066	mg/L
Marine water	0.0007	mg/L
Intermittent water release	0.066	mg/L
Sedimentation	0.653	mg/kg
Soil	0.138	mg/kg
STP	122	mg/L

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**

Local Exhaust Ventilation at the workplace or on the processing machines required.

**8.2.2 Personal protection equipment**

Eye/face protection



Eye protection with side protection (EN 166).

Avoid contact with eyes. A washing facility/water for eye and skin cleaning purposes should be present.

Skin protection (Hand protection/ Other)



Impervious Gloves (EN 374). Plastic or synthetic rubber gloves. Additional information on hand protection – No tests have been performed.

Respiratory protection



Respiratory protection is required for working places not sufficiently ventilated and during the spraying processing.

**8.2.3 Environmental Exposure Controls**

No special requirements.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour.	Blue
Odour	Odourless
Odour threshold (ppm)	Not known
pH (Value)	Not known
Melting point (°C)	343°C (Dry product)
Boiling point/boiling range (°C):	Not known.
Flash point (°C)	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not Known.
Explosive limit ranges	Not known
Vapour pressure (Pascal)	Not known
Vapour density (Air=1)	Not known
Bulk Density (g/ml)	Not known
Solubility (Water)	Not known
Solubility (Other)	Not known
Partition coefficient (n-Octanol/water)	Not known
Auto ignition point (°C)	595°C
Decomposition temperature (°C)	Not known
Viscosity (mPa. s)	Not known
Kinematic viscosity (mm <sup>2</sup> /s)	Not known
Particle characteristics	Not applicable

No 'Nanoparticles' or 'Nanomaterial' substances (per the definition in EU Commission Recommendation 2022/3689/EU) have been generated in the manufacturing process, nor intentionally added to the Victrex grades detailed above.

### 9.2 Other information

None

#### 9.2.1 Information with regard to physical hazard classes

##### Explosives

Not explosive.

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Not known.
10.4 Conditions to avoid	Stable under normal conditions. Electrostatic charge (dry product).
10.5 Incompatible materials	Concentrated Sulphuric acid
10.6 Hazardous Decomposition Product(s)	When glowing and during combustion, CO/CO <sub>2</sub> is generated (oxides of carbon)

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Substances



<b>Acute toxicity</b>	
Ingestion	Not classified.
Inhalation	Not classified.
Skin Contact	Not classified.
<b>Eye Contact</b>	Not classified.
<b>skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>respiratory or skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>11.1.2 Mixtures</b>	
<b>Acute toxicity</b>	
Ingestion	Not classified.
Inhalation	Not classified.
Skin Contact	Not classified.
Eye Contact	Not classified.
<b>skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b>respiratory or skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	Not classified.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not classified.
<b>11.2 Information on other hazards</b>	None
<b>11.2.1 Endocrine disrupting properties</b>	PEEK polymer does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher
<b>11.2.2 Other information</b>	None

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	
<b>Surfactant</b>	
	<b>Fish</b>
	LC50 20-40mg/L Oncorhynchus mykiss(96h)
	LC50 37mg/L Lepomis macrochirus (96h)
	LC50 <24mg/L Oncorhynchus mykiss (96h)
	<b>Water Flea</b>
	EC50 36mg/L Daphnia magna (48h)

12.2	<b>Persistence and degradability</b>	Not determined.
12.3	<b>Bioaccumulative potential</b>	Not determined.
12.4	<b>Mobility in soil</b>	Not determined.
12.5	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
12.6	<b>Endocrine disrupting properties</b>	PEEK polymer does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher
12.7	<b>Other adverse effects</b>	None anticipated

### SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<b>Waste treatment methods</b>	Disposal should be in accordance with local, regional, state or national legislation.
13.2	<b>Additional Information</b>	None

### SECTION 14: TRANSPORT INFORMATION

14.1	<b>Land transport (ADR/RID)</b> UN number  Proper Shipping Name	Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.
14.2	<b>Sea transport (IMDG)</b> UN number Proper Shipping Name	
14.3	<b>Air transport (ICAO/IATA)</b> UN number Proper Shipping Name	
14.4	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	

### SECTION 15: REGULATORY INFORMATION

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	Label According to (EC) No 1272/2008 Hazard pictogram(s)
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DANGER





**Hazard statements**

H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H412: Harmful to aquatic life with long lasting effects

**Precautionary statements**

Prevention:  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash hands thoroughly after handling. Do not touch eyes.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid release to the environment.

Response:  
IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment, take off contaminated clothing and wash it before reuse.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get emergency medical help.

**15.1.1 EU regulations**

Authorisations and/or restrictions on use

2-(2-butoxyethoxy)ethanol  
CAS No. 112-34-5; EC No. 203-961-6.  
REACH Restriction (Annex XVII) - Shall not be placed on the market in concentrations equal to or greater than 3 % by weight.

**15.1.2 National regulations**

None

**15.2 Chemical Safety Assessment**

Not relevant for this material.

**SECTION 16: OTHER INFORMATION**

**The following sections contain revisions or new statements:** No major updates, general review and template update.

**LEGEND**

LTEL Long Term Exposure Limit  
STEL Short Term Exposure Limit  
STOT Specific Target Organ Toxicity  
DNEL Derived No Effect Level  
PNEL Predicted No Effect Concentration

**References:** Workplace Exposure Limit (UK HSE EH40)



**Hazard statement(s) and Precautionary statement(s):**

H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H412: Harmful to aquatic life with long lasting effects  
H315: Causes skin irritation.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H332: Harmful if inhaled.  
H319: Causes serious eye irritation

P261 + P272, P280 – Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.  
P264 + P265 - Wash hands thoroughly after handling. Do not touch eyes.  
P273 - Avoid release to the environment.  
P302+P352, P333 + P313, P321, P362 + P364 - IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment, take off contaminated clothing and wash it before reuse.  
P305 + P354 + P338, P317 - IF IN EYES: Immediately rinse with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing. Get emergency medical help.

**Training advice:** [www.victrex.com](http://www.victrex.com)

**Additional Information**

Manufactured in the UK by Victrex Manufacturing Ltd, under a Quality System approved to ISO 9001.

Additional information on the properties, processing and application of VICTREX polymers is available at [www.victrex.com](http://www.victrex.com).  
These details refer to the product as it is delivered.

The statements made here should describe the product with regard to the necessary safety precautions – they are not meant to guarantee definite characteristics – but they are based on our present up-to-date knowledge.

**Regional Importer Addresses**

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**SDS Date of Preparation:** 30 April 2024      **updated from SDS Revision:** 23 November 2022

[Victrex Global Sites](#)

This information is provided "as is". It is not intended to amount to advice. Use of the product is at the customer's/user's risk. It is the customer's/user's responsibility to thoroughly test the product in each specific application to determine its performance, efficacy and safety for each end-use product, device or other application and compliance with applicable laws, regulations and standards. Mention of a product is no guarantee of availability. Victrex reserves the right to modify products, data sheets, specifications and packaging. **Victrex makes no warranties, express or implied (including, without limitation, any warranty of fitness for a particular purpose or of intellectual property non-infringement) and will not be liable for any loss or damage of any nature (however arising) in connection with customer's/user's use or reliance on this information, except for any liability which cannot be excluded or limited by law.** This document may be modified or retracted at any time without notice to the customer/user.

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