

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

## Flowprime SF Resin

Revision 1  
Revision date 2015-05-22

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

<b>Product name</b>	Flowprime SF Resin
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Description</b>	Restricted to professional users. Component of a Two Pack Epoxy Floor Primer.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Company</b>	Virtus Resins
<b>Address</b>	The Shippon Faenol Pentrecelyn LL15 2SP
<b>Web</b>	www.epoxyresinsuppliers.co.uk
<b>Telephone</b>	+44 (0)1978 790 744
<b>Fax</b>	
<b>Email</b>	info@epoxyresinsuppliers.co.uk
<b>Email address of the competent person</b>	info@epoxyresinsuppliers.co.uk

#### 1.4. Emergency telephone number

<b>Emergency telephone number</b>	+44 (0)1978 790 744  9.00am to 5.00pm Mon - Fri
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

<b>2.1.1. Classification - 1999/45/EC</b>	Xn; R62-63 Xi; R36/38-43 N; R51/53 Symbols: Xn: Harmful. N: Dangerous for the environment.
<b>Main hazards</b>	Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Corr. 1B: H314; Skin Sens. 1: H317;

#### 2.2. Label elements

##### Hazard pictograms



##### Signal Word

Danger

##### Hazard Statement

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Skin Sens. 1: H317 - May cause an allergic skin reaction.

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## 2.2. Label elements

Precautionary Statement: Prevention	<p>P260 - Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P272 - Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Response	<p>P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of water/ .</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 - Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p> <p>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P363 - Wash contaminated clothing before reuse.</p>
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

## 2.3. Other hazards

Other hazards	No data available.
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		1 - 10%	R10	
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5		70 - 80%	Xi; R36/38 R43 N; R51/53	
C13/C15-Alkylglycidylether		68081-84-5268-358-2			10 - 20%		
Nonylphenol	601-053-00-8	25154-52-3	246-672-0		1 - 10%	Repr. Cat. 3; R62-63 Xn; R22 C; R34 N; R50/53	

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5		70 - 80%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
C13/C15-Alkylglycidylether		68081-84-5268-358-2			10 - 20%		
Nonylphenol	601-053-00-8	25154-52-3	246-672-0		1 - 10%	Repr. 2: H361fd; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Flush immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.
Skin contact	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
Ingestion	DO NOT induce the patient to vomit, medical advice is required.

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## 4.2. Most important symptoms and effects, both acute and delayed

Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	DO NOT INDUCE VOMITING.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Carbon dioxide (CO2). Foam. Water spray, fog or mist.
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### 5.2. Special hazards arising from the substance or mixture

	Fire will produce dense black smoke.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary. Protective equipment.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.
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### 6.2. Environmental precautions

	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material.
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### 6.4. Reference to other sections

	Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid prolonged skin contact. After contact with skin, wash immediately with plenty of water and soap.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Store in original container.
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### 7.3. Specific end use(s)

	Avoid contact with skin.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	Are listed on the following items according to where it is going to be used.
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#### 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 274
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 548
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls Eye / face protection Skin protection - Handprotection Skin protection - Other	
	Ensure adequate ventilation of the working area.
	safety glasses with side-shields.
	Wear suitable gloves.
Wear suitable protective clothing.	

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Mild
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Evaporation rate	Not determined
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

### 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	< 500

## SECTION 10: Stability and reactivity

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## 10.1. Reactivity

	No data available.
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## 10.2. Chemical stability

	This product is stable if stored and handled as prescribed/indicated.
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## 10.3. Possibility of hazardous reactions

	No data is available on this product.
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## 10.4. Conditions to avoid

	Avoid temperatures above 300oC. Potentially violent decomposition can occur above 350oC. Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.
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## 10.5. Incompatible materials

	Acids. Bases. Oxidising agents.
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## 10.6. Hazardous decomposition products

	No data is available on this product.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

### 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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### 12.2. Persistence and degradability

	No data is available on this product.
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### 12.3. Bioaccumulative potential

	No data is available on this product.
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### Partition coefficient

	Flowprime SF Resin No data available	2-methoxy-1-methylethyl acetate No data available
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### 12.4. Mobility in soil

	No data is available on this product.
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### 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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### 12.6. Other adverse effects

	No data is available on this product.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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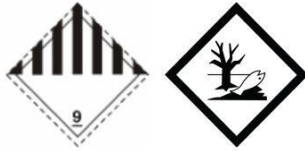
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## 13.1. Waste treatment methods

This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN3082

## 14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Epoxy Resin))

## 14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## 14.6. Special precautions for user

Use in conjunction with Manufacturers recommended guidelines.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

## ADR/RID

Hazard ID	90
Tunnel Category	(E)

## IMDG

EmS Code	F-A S-F
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## IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

## SECTION 15: Regulatory information

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No

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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

"REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

## 15.2. Chemical safety assessment

For advice on essential measures see sections 7 and 8 of this safety data sheet.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.  
9 - 9.2. Other information (Product Subcategory).  
16 - Product Subcategory.  
16 - Maximum content of VOC.

## Text of risk phrases in Section 3

R10 - Flammable  
R22 - Harmful if swallowed.  
R34 - Causes burns.  
R36/38 - Irritating to eyes and skin.  
R43 - May cause sensitisation by skin contact.  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R62 - Possible risk of impaired fertility.  
R63 - Possible risk of harm to the unborn child.

## Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.  
Skin Sens. 1: H317 - May cause an allergic skin reaction.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  
Acute Tox. 4: H302 - Harmful if swallowed.  
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Repr. 2: H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

## Product Subcategory

Two-pack reactive performance coatings for specific end use such as floors - 500 g/l.

## Maximum content of VOC

500.

## General information

This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.