

**PRODUCT NAME**

ALPHA 30 BASE – PART A

**S&F CODE**

260030A

**ISSUE DATE**

13/1/2020

**ISSUE NUMBER**

003.02

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

<b>Product Name</b>	Alpha 30 - Base
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**1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Product Use</b>	<p>[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; -----</p> <p>[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC11] Non industrial spraying; -----</p> <p>[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; [PROC7] Industrial spraying;</p>
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**1.3. Details of the supplier of the safety data sheet**

<b>Company Address</b>	Scott & Fyfe Ltd, Tayport Works, Links Road, Tayport, Fife, Scotland, DD6 9EE
<b>Web</b>	<a href="http://www.scott-fyfe.com">www.scott-fyfe.com</a>
<b>Telephone</b>	+44 (0) 1382 554 000
<b>Fax</b>	n/a
<b>Email</b>	<a href="mailto:info@scott-fyfe.com">info@scott-fyfe.com</a>
<b>Email Address of the</b>	<a href="mailto:sales@scott-fyfe.com">sales@scott-fyfe.com</a>

#### 1.4. Emergency telephone number


<b>Emergency telephone number</b>	+44 (0) 1382 554 000
<b>Opening hours</b>	08.30am – 5.00pm - Monday-Thursday 08.30am – 12pm - Friday

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>2.1.1 Classification – 1999/45/EC</b>	Xi; R36/38-43 N; R51/53 Symbols: Xi: Irritant. N: Dangerous for the environment. -----
<b>2.1.2 Classification – EC 1272/2008</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. ----- Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	<p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
<b>Precautionary Statement: Prevention</b>	<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>P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>

**Precautionary Statement: Response**

P302+P352 - IF ON SKIN: Wash with plenty of water  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 - Specific treatment (see on this label).  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P391 - Collect spillage.

**Precautionary Statement: Disposal**

P501 - Dispose of contents/container to

**2.3. Other hazards**

<b>Other hazards</b>	No data is available on this product.
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**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

E67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number.	Conc. (%w/w)	Classification
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	50 - 60%	Xi; R36/38 R43 N; R51/53
PhenolFormaldehyde Polymer Glycidyl Ether		28064-14-4			20 - 30%	
Oxiran, Mono[(C12-14-alkyloxy)methyl]-derivative	603-103-00-4	68609-97-2	271-846-8	01-2119485289-22	1 - 10%	Xi; R38 R43
bisphenol Fepoxy resin		9003-36-5	500-006-8	01-2119454392-40	1 - 10%	

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number.	Conc. (%w/w)	Classification
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	50 - 60%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;
PhenolFormaldehyde Polymer Glycidyl Ether		28064-14-4			20 - 30%	Aquatic Chronic 4: H413;
Oxiran, Mono[(C12-14-alkyloxy)methyl]-derivative	603-103-00-4	68609-97-2	271-846-8	01-2119485289-22	1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317;
bisphenol Epoxy resin		9003-36-5	500-006-8	01-2119454392-40	1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye Contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open
<b>Skin Contact</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing
<b>Ingestion</b>	Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING

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

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Eye Contact</b>	May cause irritation to eyes
<b>Skin Contact</b>	May cause irritation to skin.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting.

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

<b>Inhalation</b>	Seek medical attention if irritation or symptoms persist.
<b>Eye Contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Skin Contact</b>	Seek medical attention if irritation or symptoms persist.

### Ingestion

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon oxides. Dry chemical. Foam. Do NOT use water jet.

### 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing. Do not allow runoff water to enter sewers or drains.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.

### 6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep in a cool, dry, well-ventilated area. Store in correctly labelled containers.
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### 7.3. Specific end use(s)

	See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	No exposure limit value known. If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods of the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
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#### 8.1.1. Exposure Limit Values

<b>Bisphenol A- (epichlorhydrin) (reaction product)</b>	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m <sup>3</sup> : 12.3
	WEL 15 min limit ppm:	WEL 15 min limit mg/m <sup>3</sup> :
	WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust:	WEL 15 min limit mg/m <sup>3</sup> total inhalable dust:
	WEL 8-hr limit mg/m <sup>3</sup> total respirable dust:	WEL 15 min limit mg/m <sup>3</sup> total respirable dust:

### 8.2. Exposure controls

	  
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual	Wear protective clothing

<b>protection measures</b>	
<b>Eye / face protection</b>	Approved safety goggles.
<b>Skin protection - Handprotection</b>	Butyl rubber gloves. Chemical resistant gloves. Polyvinyl chloride - PVC ().
<b>Skin protection - Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	Wear suitable respiratory equipment when necessary.
<b>Occupational exposure controls</b>	Keep away from food, drink and animal feeding stuffs.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid
<b>Colour</b>	Various
<b>Odour</b>	Slight
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	100 °C
<b>Flash point</b>	130 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper Explosive Limit</b>	No data available
<b>Lower Explosive Limit</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	1.13 (H <sub>2</sub> O = 1 @ 20 °C)
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	700 mPas (Cone & Plate)
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Slightly soluble in water

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	No data available
<b>Benzene Content</b>	0 %
<b>Lead content</b>	0 %
<b>VOC (Volatile organic compounds)</b>	0 % g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	Stable under normal conditions.
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### 10.2. Chemical stability

	Stable under normal conditions.
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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

	Heat will increase pressure in sealed containers.
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### 10.5. Incompatible materials

	Carbon oxides.
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### 10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Skin corrosion/irritation</b>	May cause irritation to skin.
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<b>Serious eye damage/irritation</b>	May cause irritation to eyes.
<b>Respiratory or skin sensitisation</b>	May cause sensitisation by skin contact.
<b>Germ cell mutagenicity</b>	No mutagenic effects reported.
<b>Carcinogenicity</b>	No carcinogenic effects reported.
<b>Reproductive toxicity</b>	No observed effect level. No teratogenic effects reported.
<b>Repeated or prolonged exposure</b>	Once sensitised, an allergic reaction may occur when subsequently exposed to very low levels.

### 11.1.1. Toxicological Information

<b>Bisphenol A- (epichlorhydrin) (reaction product)</b>	Dermal Rat LD50: >2000mg/kg Oral Rat LD50: >2000mg/kg Inhalation Rat LC50/4 h: >0.15mg/l
<b>bisphenol F-epoxy resin</b>	Dermal Rat LD50: >2000mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Bisphenol A- (epichlorhydrin) (reaction product)</b>	Daphnia EC50/48h: 1.7000 mg/l Algae IC50/72h: 9.4000 mg/l Fish LC50/96h: 1.5000 mg/l
<b>bisphenol F-epoxy resin</b>	Daphnia EC50/48h: 1.6000 mg/l Algae IC50/72h: 1.8000 mg/l Fish LC50/96h: 0.5500 mg/l

### 12.2. Persistence and degradability

	Not readily biodegradable.
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### 12.3. Bioaccumulative potential

	Low.
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### 12.4. Partition coefficient

	Alpha 30 – Base No data available
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### 12.5. Mobility in soil

	No data 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

	Dispose of in compliance with all local and national regulations.
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### General information

	08 02 99 wastes not otherwise specified.
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### Disposal methods

	<p>The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.</p>
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### Disposal of packaging

	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains, dispose of this material and its
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	container at hazardous or special waste collection point. Do NOT reuse empty containers.
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## SECTION 14: Transport information

### Hazard pictograms



#### 14.1. UN number

	UN3082
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#### 14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol A-Epoxy Resin)
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#### 14.3. Transport hazard class(es)

<b>ADR/RID</b>	9
<b>Subsidiary risk</b>	-
<b>IMDG</b>	9
<b>Subsidiary risk</b>	-
<b>IATA</b>	9
<b>Subsidiary risk</b>	-

#### 14.4. Packing group

<b>Packing group</b>	III
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#### 14.5. Environmental hazards

<b>Environmental hazards</b>	Yes.
<b>Marine pollutant</b>	Yes.

#### 14.6. Special precautions for user

	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.
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#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	For transport approval see regulatory information.
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#### ADR/RID

<b>Hazard ID</b>	80
<b>Tunnel Category</b>	(E)

#### ADR/RID

<b>EmS Code</b>	F-A-S-F
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#### ATA

<b>Packing Instruction (Cargo)</b>	964
<b>Maximum quantity</b>	450 L
<b>Packing Instruction (Passenger)</b>	964
<b>Maximum quantity</b>	450 L

### SECTION 15: Regulatory information

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

<b>Regulations</b>	<p>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 1/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals</p>
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	(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.
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## 15.2. Chemical safety assessment

	This product contains substances for which Chemical Safety Assessments are still required.
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## SECTION 16: Other information

### Other information

<b>Text of risk phrases in Section 3</b>	R36/38 - Irritating to eyes and skin. R38 - Irritating to skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Text of Hazard Statements in Section 3</b>	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. Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life
<b>Maximum content of VOC</b>	0 g/l.

### 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.
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