



## SAFETY DATA SHEET

### Aro-Seal 1130

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

##### 1.1. Product identifier

Product name Aro-Seal 1130

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

Identified uses Adhesive / Sealant

Uses advised against No specific uses advised against are identified.

##### 1.3. Details of the supplier of the safety data sheet

Supplier UREKA GLOBAL LTD  
7 FLOWERS HILL,  
BRISLINGTON  
BRISTOL  
BS4 5JJ  
+44 117 971 1364  
sales@thenamethatsticks.com

##### 1.4. Emergency telephone number

Emergency telephone Ureka Global +44 (0)117 971 1364 (Mon - Fri) 09:00 - 16:00

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P261 Avoid breathing vapours.

Supplemental label information EUH204 Contains isocyanates. May produce an allergic reaction.

Labelling notes Contains isocyanates, reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6- pentamethyl-4-piperidyl sebacate . May produce an allergic reaction.

##### 2.3. Other hazards

Other hazards Contains isocyanates, reaction mass of bis (1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Polyvinyl chloride</b>		<b>20-50%</b>
CAS number: 9002-86-2		
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R36/37/38	
<b>XYLENE</b>		<b>4-7%</b>
CAS number: 1330-20-7	EC number: 215-535-7	
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10 Xn;R20/21 Xi;R38	
<b>Titanium Dioxide</b>		<b>&lt;5%</b>
CAS number: 13463-67-7	EC number: 236-675-5	
<b>Classification</b> Not Classified		
<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>		<b>&lt;2.5%</b>
CAS number: —	EC number: 926-141-6	
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R65	
<b>Calcium oxide</b>		<b>&lt;2.5%</b>
CAS number: 1305-78-8	EC number: 215-138-9	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41, R37/38	
<b>Di-iron trioxide</b>		<b>&lt;2%</b>
CAS number: 1309-37-1	EC number: 215-168-2	
<b>Classification</b> Aquatic Chronic 2 - H411		

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<b>ETHYLBENZENE</b>		<b>&lt;2%</b>
CAS number: 100-41-4                      EC number: 202-849-4		
<b>Classification</b> Flam. Liq. 2 - H225 Acute Tox. 4 - H332 STOT RE 2 - H373 Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Xn;R20	
<b>CARBON BLACK</b>		<b>&lt;0.5%</b>
CAS number: 1333-86-4                      EC number: 215-609-9		
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	
<b>Calcium dihydroxide</b>		<b>&lt;0.5%</b>
CAS number: 1305-62-0                      EC number: 215-137-3		
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical advice/attention if you feel unwell. Remove contaminated clothing immediately and wash skin with soap and water.
<b>Inhalation</b>	Consult a physician for specific advice. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Rinse mouth thoroughly with water.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes.

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

<b>General information</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Ingestion</b>	There may be irritation of the throat.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	There may be irritation and redness.

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

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** In combustion emits toxic fumes.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### SECTION 6: Accidental release measures

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

**Personal precautions** Refer to section 8 of SDS for personal protection details.

**For emergency responders** Wear protective clothing and gloves.

#### 6.2. Environmental precautions

**Environmental precautions** Use appropriate containment to avoid environmental contamination. Avoid discharge into drains.

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

**Methods for cleaning up** Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Clean contaminated surfaces with a soap solution Wash clothing and equipment after handling

#### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid direct contact with the substance. Provide adequate ventilation.

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

**Storage precautions** Store in tightly closed original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

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### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Polyvinyl chloride

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

##### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m<sup>3</sup>(Sk)

##### Titanium Dioxide

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> Total inhalable

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> Respirable

##### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Long-term exposure limit (8-hour TWA): 1200 mg/m<sup>3</sup>

##### Calcium oxide

Long-term exposure limit (8-hour TWA): 2 mg/m<sup>3</sup>

##### Di-iron trioxide

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup> metal fume and dust

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> metal fume and dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> Total Respirable

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> Respirable

##### ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m<sup>3</sup>(Sk)

##### CARBON BLACK

Short-term exposure limit (15-minute): WEL 7 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): WEL 3.5 mg/m<sup>3</sup>

##### Calcium dihydroxide

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation.

##### Eye/face protection

Safety glasses. Ensure eye bath is to hand.

##### Hand protection

Wear protective gloves.

##### Other skin and body protection

Wear protective clothing.

##### Hygiene measures

Wash promptly with soap and water if skin becomes contaminated.

##### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

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### SECTION 9: Physical and chemical properties

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

Appearance	Paste.
Colour	Various colours.
Odour	Characteristic.
Initial boiling point and range	137°C @
Flash point	> 40°C
Evaporation rate	Negligible
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 0.6 vol% Upper flammable/explosive limit: 8 vol%
Relative density	1.16 @ 20°C
Solubility(ies)	Organic solvents. Insoluble in water.
Auto-ignition temperature	>200°C
Viscosity	Highly viscous
Explosive properties	Not considered to be explosive. Formation of explosive air/vapour mixtures are possible however.

#### 9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 9 %.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product: Alcohols. Amines. Acids. Alkalies. Reacts with water forming carbon dioxide. Danger of receptacles bursting because of vapour overpressure.
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#### 10.4. Conditions to avoid

Conditions to avoid	Avoid heat.
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#### 10.5. Incompatible materials

Materials to avoid	Strong acids. Strong oxidising agents.
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#### 10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - dermal

ATE dermal (mg/kg)	20,000.0
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##### Acute toxicity - inhalation

ATE inhalation (vapours mg/l)	157.14285714
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### Serious eye damage/irritation

**Serious eye damage/irritation** There may be irritation and redness.

### Respiratory sensitisation

**Respiratory sensitisation** There may be irritation of the throat with a feeling of tightness in the chest.

### Skin sensitisation

**Skin sensitisation** There may be mild irritation at the site of contact.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** No data recorded.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product is not identified as a PBT substance.

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

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

## SECTION 15: Regulatory information

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

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Issued by** Compliance Manager

**Revision date** 28/01/2020

## Aro-Seal 1130

<b>Revision</b>	3
<b>Supersedes date</b>	03/11/2016
<b>SDS number</b>	21043
<b>Risk phrases in full</b>	R10 Flammable. R20 Harmful by inhalation. R20/21 Harmful by inhalation and in contact with skin. R36/37/38 Irritating to eyes, respiratory system and skin. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R65 Harmful: may cause lung damage if swallowed. R11 Highly flammable
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.

### DIRECTIONS FOR USE

### PRODUCT LOGO

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.