

# SAFETY DATA SHEET

## ULTIMEG 2000 378

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

Product name ULTIMEG 2000 378

Product number U378

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

Identified uses varnish for electrical insulation

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

Manufacturer AEV LIMITED  
MARION STREET  
BIRKENHEAD  
MERSEYSIDE  
CH41 6LT  
Tel. +44(0)151 647 3322  
Fax. +44(0)151 647 3377

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 151 647 3322 (Monday to Friday 09.00 - 17.00)

### SECTION 2: Hazards identification

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

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

Physical hazards Flam. Liq. 3 - H226

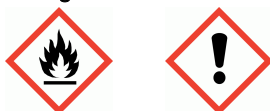
Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Elicitation - EUH208

Environmental hazards Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC) Xn;R20/21. Xi;R38. R52/53,R10.

#### 2.2. Label elements

##### Pictogram



Signal word Warning

Hazard statements  
H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/ bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</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>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** XYLENE

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>XYLENE</b>	<b>50-70%</b>
CAS number: 1330-20-7	EC number: 215-535-7
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 Xn;R20/21 Xi;R38
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Asp. Tox. 1 - H304	
<b>WHITE SPIRIT</b>	<b>5-10%</b>
CAS number: 64742-82-1	EC number: 265-185-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. N;R51/53. R10,R66.
Unknown Classification	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

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<b>2-OCTYL-2H-ISOTHIAZOL-3-ONE</b>		<b>&lt;1%</b>
CAS number: 26530-20-1	EC number: 247-761-7	
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	T;R23/24 C;R34 Xn;R22 R43 N;R50/53	
Acute Tox. 3 - H311		
Acute Tox. 3 - H331		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

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**

**Eye contact**                      Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

**4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture****5.3. Advice for firefighters****SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.2. Environmental precautions****6.3. Methods and material for containment and cleaning up****6.4. Reference to other sections****SECTION 7: Handling and storage****7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities****7.3. Specific end use(s)****SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****XYLENE**

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

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

Sk

**WHITE SPIRIT**

Long-term exposure limit (8-hour TWA): WEL 600 mg/m<sup>3</sup>

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WEL = Workplace Exposure Limit  
Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

<b>Hand protection</b>	Use protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.
<b>Respiratory protection</b>	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Organic vapour filter.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Clear, yellowish liquid.
<b>Odour</b>	Characteristic.
<b>Initial boiling point and range</b>	137-200°C @ 760 mm Hg
<b>Flash point</b>	27°C CC (Closed cup).
<b>Upper/lower flammability or explosive limits</b>	Upper flammable/explosive limit: 0.9 Lower flammable/explosive limit: 9
<b>Vapour pressure</b>	0.85 mPa @ °C
<b>Vapour density</b>	3.65
<b>Relative density</b>	0.92 @ 23°C
<b>Auto-ignition temperature</b>	230°C
<b>Viscosity</b>	1 P @ 25°C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - dermal

ATE dermal (mg/kg) 2,358.98

#### Acute toxicity - inhalation

ATE inhalation (gases ppm) 6,938.18

## SECTION 12: Ecological Information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

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### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS F-E, S-E

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<b>ADR transport category</b>	3
<b>Emergency Action Code</b>	•3YE
<b>Hazard Identification Number (ADR/RID)</b>	33
<b>Tunnel restriction code</b>	(D/E)

### 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

#### SECTION 16: Other information

<b>Revision date</b>	24/07/2015
<b>Revision</b>	9
<b>Supersedes date</b>	29/06/2015
<b>SDS number</b>	20442
<b>Risk phrases in full</b>	<p>R10 Flammable.</p> <p>R20/21 Harmful by inhalation and in contact with skin.</p> <p>R38 Irritating to skin.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 Harmful: may cause lung damage if swallowed.</p> <p>R66 Repeated exposure may cause skin dryness or cracking.</p>
<b>Hazard statements in full</b>	<p>H226 Flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H311 Toxic in contact with skin.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H331 Toxic if inhaled.</p> <p>H332 Harmful if inhaled.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> <p>EUH208 Contains 2-OCTYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.</p>