SAFETY DATA SHEET
ULTIMEG 2000/200FR
According to Regulation (EU) No 453/2010
According to Regulation (EC) No 1907/2006
According to EC Directive 2001/58/EC

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

1.1. Product identifier
Product name ULTIMEG 2000/200FR
Product No. U200FR

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
Supplier 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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.2. Label elements
Labelling

Risk Phrases
R10 Flammable.
R37 Irritating to respiratory system.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases
S51 Use only in well-ventilated areas.
S57 Use appropriate containment to avoid environmental contamination.
S60 This material and its container must be disposed of as hazardous waste.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

FORMALDEHYDE ...% < 1
CAS-No.: 50-00-0 EC No.: 200-001-8
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

General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

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

Extinguishing media
Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Specific hazards

5.3. Advice for firefighters

Special Fire Fighting Procedures
Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

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

During application and drying, solvent vapours will be emitted. Avoid inhalation of vapours. Do not use in confined spaces without adequate ventilation and/or respirator. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Mechanical ventilation or local exhaust ventilation is required. Use explosion proof electric equipment. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class
Flammable liquid storage.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMALDEHYDE ...%</td>
<td>WEL</td>
<td>2 ppm</td>
<td>2.5 mg/m3</td>
<td>2 ppm</td>
</tr>
<tr>
<td>HYDROCARBON SOLVENT</td>
<td>WEL</td>
<td>50 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHANOL</td>
<td>WEL</td>
<td>200 ppm(Sk)</td>
<td>266 mg/m3(Sk)</td>
<td>250 ppm(Sk)</td>
</tr>
<tr>
<td>XYLENE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>220 mg/m3(Sk)</td>
<td>100 ppm(Sk)</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

Ingredient Comments
WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment
Process conditions
Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures
Provide adequate general and local exhaust ventilation.

Respiratory equipment
Respiratory protection must be used if air contamination exceeds acceptable level.

Hand protection
Use protective gloves.

Eye protection
Use approved safety goggles or face shield.

Other Protection
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
</tr>
<tr>
<td>Odour</td>
<td>Organic solvents.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>138 - 181 760 mm Hg</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.04 23</td>
</tr>
<tr>
<td>Vapour density (air=1)</td>
<td>4.9</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>0.38 20</td>
</tr>
<tr>
<td>Viscosity</td>
<td>55 Ps 25</td>
</tr>
<tr>
<td>Flash point</td>
<td>43 Not noted.</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>286</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
<td>0.8</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
<td>7.5</td>
</tr>
<tr>
<td>Comments</td>
<td>Information given concerns the major ingredient.</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability
Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid
Avoid heat. Avoid contact with oxidisers or reducing agents.

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Inhalation
May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion
Harmful if swallowed. May cause internal injury.

Skin contact
May be absorbed through the skin. Product has a defatting effect on skin.

Eye contact
Irritation of eyes and mucous membranes.

Health Warnings
INHALATION. Gas or vapour is harmful on prolonged exposure or in high concentrations. SKIN CONTACT. Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. EYE CONTACT. Irritating to eyes. INGESTION. May cause stomach pain or vomiting.

Route of entry
Inhalation. Skin absorption.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

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
Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

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

14.2. UN proper shipping name
Proper Shipping Name PAINT

14.3. Transport hazard class(es)
ADR/RID/ADN Class 3
ADR/RID/ADN Class Class 3: Flammable liquids.
ADR Label No. 3
IMDG Class 3
ICAO Class/Division 3
**14.4. Packing group**

IMDG Packing group III  
ICAO Packing group III

**14.5. Environmental hazards**

**14.6. Special precautions for user**

EMS  
F-E, S-E

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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**SECTION 15: REGULATORY INFORMATION**

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

**Uk Regulatory References**


Environmental Listing


Statutory Instruments


Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

**EU Legislation**

System of specific information relating to Dangerous Preparations. 2001/58/EC.

**15.2. Chemical Safety Assessment**

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**SECTION 16: OTHER INFORMATION**

| Revision Date | 11/01/2013 |
| Revision | 4 |
| Supersedes date | 16/06/2009 |
| SDS No. | 1 |

**Risk Phrases In Full**

R34 Causes burns.  
R10 Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R65 Harmful: may cause lung damage if swallowed.  
R11 Highly flammable  
R37 Irritating to respiratory system.  
R38 Irritating to skin.  
R40 Limited evidence of a carcinogenic effect.  
R43 May cause sensitisation by skin contact.  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
H370  Causes damage to organs <<Organs>>.
H314  Causes severe skin burns and eye damage.
H315  Causes skin irritation.
H226  Flammable liquid and vapour.
H332  Harmful if inhaled.
H312  Harmful in contact with skin.
H225  Highly flammable liquid and vapour.
H304  May be fatal if swallowed and enters airways.
H317  May cause an allergic skin reaction.
H335  May cause respiratory irritation.
H351  Suspected of causing cancer.
H331  Toxic if inhaled.
H301  Toxic if swallowed.
H311  Toxic in contact with skin.
H411  Toxic to aquatic life with long lasting effects.