

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Name	AEP100 Colormax Custom Filled
1.02 Manufacturer/Supplier	Ultrimax Coatings Ltd
1.03 Address	Clayfield Industrial Estate, Tickhill Road, Doncaster, DN4 8QG
1.04 Contact	www.ultrimaxcoatings.co.uk
1.05 Phone Number	01302 856666
1.06 Fax Number	01302 571510
1.7 Emergency Phone Number	01302 856666

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Irritant

R36: Irritating to eyes.



F+; Extremely flammable

R12: Extremely flammable.  
R66-67: Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**Information concerning particular hazards for human and environment:** The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent. Warning! Pressurised container.

## 2. HAZARDS IDENTIFICATION

Has a narcotising effect.

### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07

### Signal word Danger

#### Hazard-determining components of labelling:

acetone

n-butyl acetate

### Hazard statements

H222-H229

Extremely flammable aerosol. Pressurised container: May burst if heated.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

### Precautionary statements

P102

Keep out of reach of children.

P260

Do not breathe spray.

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251

Pressurized container: Do not pierce or burn, even after use.

P211

Do not spray on an open flame or other ignition source.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501

Dispose of contents/container in accordance with local regulations.

### Additional information:

EUH066

Repeated exposure may cause skin dryness or cracking.

### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

<p>CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37-xxxx</p>	<p>dimethyl ether 50-75%</p> <p>⚠ F+ R12 Flam. Gas 1, H220; Flam. Liq. 1, H224 Press. Gas C, H280</p>
<p>CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-xxxx</p>	<p>acetone 25-50%</p> <p>⚠ Xi R36 ⚠ F R11 R66-67 ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336</p>
<p>CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx</p>	<p>xylene 2.5-5%</p> <p>⚠ Xn R20/21 ⚠ Xi R38 R10 ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315</p>
<p>CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-xxxx</p>	<p>n-butyl acetate 2.5-5%</p> <p>R10-66-67 ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336</p>

Additional information: For the wording of the listed risk phrases refer to section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing agents: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
For safety reasons unsuitable extinguishing agents: Water with full jet

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

No further relevant information available.

### 5.3 Advice for firefighters

Protective equipment: No special measures required.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation  
Keep away from ignition sources.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

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

Ensure adequate ventilation.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

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

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Protect from heat and direct sunlight.

### 7.3 Specific end use(s)

No further relevant information available.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical facilities:** No further data; see item 7.

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### 115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

##### 67-64-1 acetone

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm  
Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

##### 1330-20-7 xylene

WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

##### 123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

#### Ingredients with biological limit values:

##### 1330-20-7 xylene

BMGV 650 mmol/mol creatinine  
Medium: urine  
Sampling time: post shift  
Parameter: methyl hippuric acid

**Additional information:** The lists valid during the making were used as basis.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

**Protection of hands:** Not required.

**Material of gloves:** Not required.

**Penetration time of glove material:** Not required.

**Eye protection:**



Tightly sealed goggles

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

Form:	Aerosol
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.

##### Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable, as aerosol.
Flash point:	← 0 °C (← 32 °F) Not applicable, as aerosol.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	240 °C (464 °F)
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	Lower: 2.6 Vol % Upper: 26.2 Vol %
Vapour pressure at 20 °C (68 °F):	4000 hPa (3000 mm Hg)
Density at 20 °C (68 °F):	0.719 g/cm <sup>3</sup> (6 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in/Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	Dynamic: Not determined. Kinematic: Not determined.
Solvent content:	Organic solvents: 100.0 %
EU-VOC:	719.0 g/l
EU-VOC in %:	100.00 %

### 9.2 Other information

No further relevant information available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

### 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

No dangerous decomposition products known.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

##### 115-10-6 dimethyl ether

Inhalative	LC50 / 4 h	308 mg/m <sup>3</sup> (rat)
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##### 67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	39 mg/m <sup>3</sup> (rat)

##### 1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	22.1 mg/m <sup>3</sup> (rat)

##### 123-86-4 n-butyl acetate

Oral	LD50	10770 mg/kg (rat)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21.0 mg/m <sup>3</sup> (rat)

#### Primary irritant effect:

on the skin: No irritant effect.  
on the eye: Irritating effect.

#### Sensitisation:

No sensitising effects known.

#### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant



## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Aquatic toxicity:

#### 115-10-6 dimethyl ether

EC50 / 48 h >4000 mg/l (daphnia magna)

#### 67-64-1 acetone

EC50 / 48 h 8800 mg/l (daphnia magna)

LC50 / 48 h 2262 mg/l (daphnia magna)

LC50 / 96 h (static) 5540 mg/l (fish)

#### 1330-20-7 xylene

EC50 / 48 h 7.4 mg/l (daphnia magna)

LC50 / 96 h 13.5 mg/l (fish)

#### 123-86-4 n-butyl acetate

EC50 / 48 h 4 mg/l (daphnia magna)

EC50 / 96 h 320 mg/l (algae)

LC50 / 24 h 205 mg/l (daphnia magna)

LC50 / 96 h 18 mg/l (Pimephales promelas)

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 12.6 Other adverse effects

No further relevant information available.

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## 13. DISPOSAL CONSIDERATIONS

### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### European waste catalogue

08 01 11\*

15 01 04

waste paint and varnish containing organic solvents or other dangerous substances

metallic packaging

### Uncleaned packaging:

Recommendation: Non contaminated packagings may be recycled.

## 14. TRANSPORT INFORMATION

### 14.1 UN-Number

- ADR, IMDG, IATA UN1950

### 14.2 UN proper shipping name

- ADR 1950 AEROSOLS
- IMDG AEROSOLS
- IATA AEROSOLS, flammable



### 14.3 Transport hazard class(es)

- ADR
- Class 2.1F Gases.
- Label 2.1
- IMDG, IATA
- Class 2.1
- Label 2.1

### 14.4 Packing group

- ADR, IMDG, IATA Void

### 14.5 Environmental hazards:

- Marine pollutant: No

### 14.6 Special precautions for user Warning: Gases.

- Danger code (Kemler): -
- EMS Number: F-D,S-U

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

Not applicable.

- Transport/Additional information:

### ADR

- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E0
- Not permitted as Excepted Quantity
- Transport category 2
- Tunnel restriction code D

### IMDG

- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E0
- Not permitted as Excepted Quantity

- UN "Model Regulation": UN1950, AEROSOLS, 2.1

## 15. REGULATORY INFORMATION

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

No further relevant information available.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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## 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Relevant phrases

H220 Extremely flammable gas.

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R38 Irritating to skin.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

## 16. OTHER INFORMATION

### Department issuing MSDS: R&D legislation and regulatory advisor

• **Contact: QHSE Department**

• **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas C: Gases under pressure: Compressed gas

Flam. Liq. 1: Flammable liquids, Hazard Category 1

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

\* **Data compared to the previous version altered.**