

ULTRIMAX UNIVERSAL 2K THINNERS

HEALTH AND SAFETY DATA SHEET
Revised 16/5/2024 Revision No. 3

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1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code	Ultrimax Universal 2K Thinners
1.02 Manufacturer/Supplier	Ultrimax Coatings Ltd
1.03 Address	Shaw Lane Industrial Estate, Ogden Road, Doncaster, DN2 4SE
1.04 Contact	www.ultrimaxstore.com
1.05 Phone Number	01302 856666
1.06 Email	sales@ultrimaxcoatings.co.uk
1.7 Emergency Phone Number	01302 856666

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; STOT SE 3: H336
Most important adverse effects: Causes skin irritation. May cause drowsiness or dizziness.

2.2. Label elements

Label elements:

Hazard statements:

H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.

Signal words:

Warning

Hazard pictograms:

GHS02: Flame
GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements:

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/doctor//if you feel unwell.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Hazardous ingredients:

EINECS	CAS	PBT / WEL CLP	Classification	Percent
XYLENE				
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	20-40%
N-BUTYL ACETATE				
204-658-1	123-86-4	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	20-40%
1-METHOXY-2-PROPANOL				
203-539-1	107-98-2	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336	10-20%
METHOXY PROPYL ACETATE				
203-603-9	108-65-6	-	Flam. Liq. 3: H226	10-20%

4. FIRST AID MEASURES (symptoms)

4.1. Description of first aid measures

Skin contact:	Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

Skin contact:	There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.
Eye contact:	There may be irritation and pain.
Ingestion:	Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.
Delayed / immediate effects:	There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

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

Immediate / special treatment:	Eye bathing equipment should be available on the premises.
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5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. Vapour may travel considerable distance to source of ignition and flash back.
Forms explosive air-vapour mixture.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.
Mix with sand or vermiculite.

6.4. Reference to other sections

7. HANDLING & STORAGE

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use nonsparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Prevent the build up of electrostatic charge in the immediate area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hazardous ingredients:

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	Respirable dust	
			8 hour TWA	15 min. STEL
XYLENE				
UK	220 mg/m ³	441 mg/m ³	-	-
N-BUTYL ACETATE				
UK	724 mg/m ³	966 mg/m ³	-	-
1-METHOXY-2-PROPANOL				
UK	375 mg/m ³	560 mg/m ³	-	-
METHOXY PROPYL ACETATE				
UK	274 mg/m ³	548 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection:

Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection:

Gloves (solvent-resistant).

Eye protection:

Tightly fitting safety goggles.

Skin protection:

Solvent resistant protective clothing.

Environmental:

Prevent from entering in public sewers or the immediate environment.

9. PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid	Flammability limits %:	lower: No data available. upper: No data available.
Colour:	Colourless		
Odour:	Unpleasant	Flash point°C:	No data available.
Evaporation rate:	No data available.	Part.coeff. n-octanol/water:	No data available.
Oxidising:	No data available.	Autoflammability°C:	No data available.
Solubility in water:	No data available.	Vapour pressure:	No data available.
Viscosity:	No data available.	Relative density:	No data available.
Boiling point/range°C:	No data available.	pH: No	data available.
Melting point/range°C:	No data available.	VOC g/l:	835

9.2. Other information

Other information: No data available.

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10. STABILITY & REACTIVITY

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients:

XYLENE

ORL	MUS	LD50	2119 mg/kg
ORL	RAT	LD50	4300 mg/kg
SCU	RAT	LD50	1700 mg/kg

N-BUTYL ACETATE

ORL	MUS	LD50	6 gm/kg
ORL	RAT	LD50	10768 mg/kg

1-METHOXY-2-PROPANOL

IVN	RAT	LD50	4200 mg/kg
ORL	MUS	LD50	11700 mg/kg
ORL	RAT	LDLO	3739 mg/kg

METHOXY PROPYL ACETATE

IPR	MUS	LD50	750 mg/kg
ORL	RAT	LD50	8532 mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

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11. TOXICOLOGICAL INFORMATION

Symptoms / routes of exposure

Skin contact: There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

Delayed / immediate effects: There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms.

13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08.01.11

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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14. TRANSPORT INFORMATION

14.1. UN number	
UN number:	UN1263
14.2. UN proper shipping name	
Shipping name:	2k UNIVERSAL THINNER
14.3. Transport hazard class(es)	
Transport class:	3
14.4. Packing group	
Packing group:	II
14.5. Environmental hazards	
Environmentally hazardous:	No Marine pollutant: No
14.6. Special precautions for user	
Tunnel code:	D/E
Transport category:	1
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Transport in bulk:	N/A

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.2. Chemical Safety Assessment	
Chemical safety assessment:	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16: OTHER INFORMATION

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and s.3:	EUH066: Repeated exposure may cause skin dryness or cracking. H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H315: Causes skin irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.