

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code	High Gloss Thinner
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:** Asp. Tox. 1: H304; Eye Dam. 1: H318; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

### 2.2. Label elements

**Label elements:**

**Hazard statements:**

EUH066: Repeated exposure may cause skin dryness or cracking.  
H225: Highly flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H336: May cause drowsiness or dizziness.  
H361d: Suspected of damaging the unborn child.  
H373: May cause damage to organs through prolonged or repeated exposure.

**Signal words:**

**Hazard pictograms:**

Danger  
GHS02: Flame  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental

**Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241: Use explosion-proof equipment.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P362+P364: Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

**Other hazards:**

**PBT:**

In use, may form flammable / explosive vapour-air mixture.  
This product is not identified as a PBT/vPvB substance.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### TOLUENE - REACH registered number(s): 01-2119471310-51

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-625-9	108-88-3	-	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	30-50%

#### ETHYL METHYL KETONE - REACH registered number(s): 01-2119457290-43

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%
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#### ISOBUTANOL - REACH registered number(s): 01-2119484609-23

201-148-0	78-83-1	-	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%
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#### 4-HYDROXY-4-METHYLPENTAN-2-ONE - REACH registered number(s): 01-2119473975-21

204-626-7	123-42-2	-	Eye Irrit. 2: H319	1-10%
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#### ISOBUTYL ACETATE - REACH registered number(s): 01-2119488971-22

203-745-1	110-19-0	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225; -: EUH066	1-10%
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### 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

<b>Skin contact:</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<b>Ingestion:</b>	Wash out mouth with water. Consult a doctor.
<b>Inhalation:</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

<b>Skin contact:</b>	There may be irritation and redness at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
<b>Delayed / immediate effects:</b>	Immediate effects can be expected after short-term exposure.

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

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

### 5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

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

### 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.

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## 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### 6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

### 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.

### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

## 7. HANDLING & STORAGE

### 7.1. Precautions for safe handling

**Handling requirements:**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:**

Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

### 7.3. Specific end use(s)

**Specific end use(s):**

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Hazardous ingredients:****Workplace exposure limits:**

State	Respirable dust			
	8 hour TWA	15 min. STEL		
<b>TOLUENE</b>				
UK	191 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>	-	-
<b>ETHYL METHYL KETONE</b>				
UK	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>	-	-
<b>ISOBUTANOL</b>				
UK	154 mg/m <sup>3</sup>	231 mg/m <sup>3</sup>	-	-
<b>4-HYDROXY-4-METHYLPENTAN-2-ONE</b>				
UK	241 mg/m <sup>3</sup>	362 mg/m <sup>3</sup>	-	-

**DNEL/PNEC Values****Hazardous ingredients:****TOLUENE**

Type	Exposure	Value	Population	Effect
DNEL	Oral	8.13 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	384 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	226 mg/l	Consumers	Local
DNEL	Inhalation	226 mg/l	Consumers	Systemic
DNEL	Inhalation	384 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	384 mg/m <sup>3</sup>	Workers	Local
PNEC	Fresh water	0.68 mg/l	-	-
PNEC	Fresh water sediments	16.39 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	13.61 mg/l	-	-
PNEC	Soil (agricultural)	2.89 mg/kg	-	-

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION cont.

### DNEL/PNEC Values

#### Hazardous ingredients:

#### ISOBUTANOL

Type	Exposure	Value	Population	Effect
DNEL	Oral	25 mg/kg/bw/day	Consumers	Systemic
DNEL	Inhalation	55 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Inhalation	310 mg/m <sup>3</sup>	Workers	Systemic
PNEC	Fresh water	0.4 mg/l	-	-
PNEC	Fresh water sediments	1.52 mg/kg	-	-
PNEC	Marine sediments	0.152 mg/kg	-	-
PNEC	Marine water	0.04mg/l	-	-
PNEC	Soil (agricultural)	0.0699 mg/kg	-	-

### 8.2. Exposure controls

#### Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

#### Respiratory protection:

Respiratory protection may be required if excessive airborne contamination occurs. Filter type ABEK1 protects against Organic/Inorganic Vapours.

#### Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Manufactured/tested in accordance with EN374. Frequent changes are recommended. Acceptable glove barrier materials include: Butyl rubber, Rubber (natural latex), Nitrile rubber, Polyvinyl alcohol (PVA). It should be noted that liquid may penetrate the gloves, frequent changes are recommended.

#### Eye protection:

Safety glasses. Ensure eye bath is to hand.

#### Skin protection:

Chemical resistant protective clothing according to DIN EN13034 (Type 6)

## 9. PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid
Colour:	Colourless
Odour:	Aromatic
Evaporation rate:	No data available.
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Slightly soluble
Viscosity:	Non-viscous
Boiling point/range°C:	80-120
Melting point/range°C:	No data available.
Flammability limits %:	lower: 1.00 upper: 11.5
Flash point°C:	3
Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	No data available.
Vapour pressure:	No data available.
Relative density:	0.882
pH:	Approx. 7
VOC g/l:	No data available.

### 9.2. Other information

Other information: No data available.

## 10. STABILITY & REACTIVITY

### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

### Hazardous ingredients:

#### TOLUENE

DERMAL	RBT	LD50	>5000 mg/kg
ORAL	RAT	LD50	>5000 mg/kg
VAPOURS	RAT	4H LC50	>20 mg/l

#### ISOBUTANOL

IVN	MUS	LD50	417 mg/kg
IVN	RAT	LD50	340 mg/kg
ORL	RAT	LD50	2460 mg/kg

#### 4-HYDROXY-4-METHYLPENTAN-2-ONE

IVN	RAT	LDLO	3024 mg/kg
ORL	MUS	LD50	3950 mg/kg
ORL	RAT	LD50	2520 mg/kg

#### ISOBUTYL ACETATE

ORL	RAT	LD50	13400 mg/kg
ORL	RBT	LD50	4763 mg/kg
SKN	RBT	LD50	>17400 mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	-	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

### Symptoms / routes of exposure

#### Skin contact:

There may be irritation and redness at the site of contact.

#### Eye contact:

There may be irritation and redness. The eyes may water profusely.

#### Ingestion:

There may be soreness and redness of the mouth and throat.

#### Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

#### Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecotoxicity values: No data available.

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed 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: Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** Transfer to a suitable container and 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.

## 14. TRANSPORT INFORMATION

### 14.1. UN number

UN number: UN1993

### 14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.  
(TOLUENE; ETHYL METHYL KETONE; ISO BUTYL ACETATE; DI ACETONE ALCOHOL;  
4-HYDROXY-4-METHYLPENTAN-2-ONE)

### 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

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2



## 15. REGULATORY INFORMATION

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

Specific regulations: Not applicable.

### 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: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* 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.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H373: May cause damage to organs or state all organs affected, if known through prolonged or repeated exposure state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard

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.