

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Name	H/B Basecoat
1.02 Manufacturer/Supplier	Ultrimax Coatings Ltd
1.03 Address	Shaw Lane Industrial Estate, Ogden Road, Doncaster, DN2 4SE
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 (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xn;R20/21,R48/20,R65. Repr. Cat. 3;R63. Xi;R36/38. F;R11.

### 2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.  
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.

## 2. HAZARDS IDENTIFICATION

Precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P240 Ground and bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use non-sparking tools.</p> <p>P243 Take action to prevent static discharges.</p> <p>P260 Do not breathe vapour/ spray.</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>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 or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P314 Get medical advice/ attention 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+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Supplemental label information	<p>EUH210 Safety data sheet available on request.</p>
Contains	<p>TOLUENE, xylene- mixture of isomers, BUTYL ACETATE -norm, ACETONE, BUTANOLnorm, PROPAN-2-OL, BUTANONE, SBP3 Petroleum mixture</p>

### 2.3 Other hazards

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixture

TOLUENE		10-30%
CAS number: 108-88-3	EC number: 203-625-9	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67	
Skin Irrit. 2 - H315		
Repr. 2 - H361d		
STOT SE 3 - H336		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
XYLENE-MIXTURE OF ISOMERS		10-30%
CAS number: 1330-20-7	EC number: 215-535-7	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xn;R20/21 Xi;R38	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
STOT RE 2 - H373		
Asp. Tox. 1 - H304		
Aquatic Chronic 3 - H412		
BUTYL ACETATE -norm		10-30%
CAS number: 123-86-4	EC number: 204-658-1	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 R66 R67	
STOT SE 3 - H336		
ACETONE		10-30%
CAS number: 67-64-1	EC number: 200-662-2	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
BUTANOL-norm		5-10%
CAS number: 71-36-3	EC number: 200-751-6	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xn;R22 Xi;R37/38,R41 R67	
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335, H336		

## 3. COMPOSITION / INFORMATION ON INGREDIENTS cont...

### 3.2 Mixture

PROPAN-2-OL		1-5%
CAS number: 67-63-0	EC number: 200-661-7	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R67	
BUTANONE		1-5%
CAS number: 78-93-3	EC number: 201-159-0	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67	
SBP3 Petroleum mixture		1-5%
CAS number: 64742-49-0	EC number: 920-750-0	
Classification Flam. Liq. 2 - H225 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R38. F;R11. N;R51/53. R67	
METHANOL		0.1-1%
CAS number: 67-56-1	EC number: 200-659-6	
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC or 1999/45/EC) F;R11 T;R23/24/25,R39/23/24/25	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

General information	Keep affected person away from heat, sparks and flames.
Inhalation	Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	The product contains organic solvents. Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Ingestion	Harmful if swallowed.
Skin contact	Harmful: danger of serious damage to health by prolonged exposure in contact with skin.
Eye contact	The product is strongly irritating to eyes and skin.

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

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## 5. FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Extinguish with foam, carbon dioxide or dry powder.
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### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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### 5.3. Advice for firefighters

Protective actions during firefighting	Evacuate area. Move containers from fire area if it can be done without risk. Do not use water jet as an extinguisher, as this will spread the fire.
Special protective equipment for firefighters	Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Personal precautions	Ensure procedures and training for emergency decontamination and disposal are in place.
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### 6.2. Environmental precautions

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

Methods for cleaning up	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.4. Reference to other sections

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Usage precautions                      Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Static electricity and formation of sparks must be prevented.

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

Storage precautions                      Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

### 7.3. Specific end use(s)

Specific end use(s)                      The identified uses for this product are detailed in Section 1.2.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits

#### TOLUENE

Long-term exposure limit (8-hour TWA): OES 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): OES 150 ppm(Sk) 574 mg/m<sup>3</sup>(Sk)

#### XYLENE- MIXTURE OF ISOMERS

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

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

#### BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): OES 150 ppm 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 200 ppm 966 mg/m<sup>3</sup>

#### ACETONE

Long-term exposure limit (8-hour TWA): OES 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 1500 ppm 3620 mg/m<sup>3</sup>

#### BUTANOL-norm

Long-term exposure limit (8-hour TWA): OES

Short-term exposure limit (15-minute): OES 50 ppm(Sk) 154 mg/m<sup>3</sup>(Sk)

#### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): OES 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 500 ppm 1250 mg/m<sup>3</sup>

#### BUTANONE

Long-term exposure limit (8-hour TWA): OES 200 ppm(Sk) 600 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): OES 300 ppm(Sk) 899 mg/m<sup>3</sup>(Sk)

#### METHANOL

Long-term exposure limit (8-hour TWA): OES 200 ppm(Sk) 266 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): OES 250 ppm(Sk) 333 mg/m<sup>3</sup>(Sk)

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Eye/face protection

Hand protection

Other skin and body protection

Hygiene measures

Respiratory protection

Provide adequate general and local exhaust ventilation.

The following protection should be worn: Chemical splash goggles.

Use protective gloves.

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

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Liquid.
Colour	Milky.
Initial boiling point and range	55-143°C

### 9.2. Other information

Volatile organic compound Estimated value. This product contains a maximum VOC content of 848 g/l.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stability Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid Avoid contact with the following materials: Acids. Oxidising agents.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

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## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Other health effects Teratogen Category 1. Teratogen Category 3.

Acute toxicity - oral

ATE oral (mg/kg) 5,977.21

Acute toxicity - dermal

ATE dermal (mg/kg) 7,932.14

Acute toxicity - inhalation

ATE inhalation (gases ppm) 31,151.14

ATE inhalation (vapours mg/l) 79.32

ATE inhalation (dusts/mists mg/l) 10.93

General information

Known or suspected teratogen.

Inhalation

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Ingestion

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact

Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact

Irritating to eyes.

Target organs

Skin Eyes Respiratory system, lungs



## 12. ECOLOGICAL INFORMATION

- 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

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## 14. TRANSPORT INFORMATION


### 14.1. UN number

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

### 14.2. UN proper shipping name

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

### 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	II
ICAO packing group	II
ADN packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

EmS	3-05
ADR transport category	2
Emergency Action Code	3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## 15. REGULATORY INFORMATION

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

Guidance Workplace Exposure Limits EH40.  
Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

## 16. OTHER INFORMATION

Revision date	02/03/2017
Risk phrases in full	R10 Flammable. R11 Highly flammable. R20 Harmful by inhalation. R20/21 Harmful by inhalation and in contact with skin. R22 Harmful if swallowed. R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R36 Irritating to eyes. R36/37 Irritating to eyes and respiratory system. R36/38 Irritating to eyes and skin. R37/38 Irritating to respiratory system and skin. R38 Irritating to skin. R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 Risk of serious damage to eyes. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R63 Possible risk of harm to the unborn child. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H370 Causes damage to organs. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H373 May cause damage to organs through prolonged or repeated exposure.