

# Satin Modified A/C Lacquer

## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Name	Satin Modified A/C Lacquer
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

Physical hazards	Flam. Liq. 2 - H225
Health hazards	Eye Dam. 1 - H318 STOT SE 2 - H371 STOT SE 3 - H336
Environmental hazards	Not Classified
Classification (67/548/EEC or 1999/45/EC)	Xi;R36. F;R11. R66,R67.

### 2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H371 May cause damage to organs.

## 2. HAZARDS IDENTIFICATION

Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</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>P270 Do not eat, drink or smoke when using this product.</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>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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+P311 IF exposed or concerned: Call a POISON CENTER or doctor.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</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>
Contains	<p>BUTYL ACETATE -norm, PROPYL ACETATE, ETHYL ACETATE, ISO-BUTANOL, METHANOL, BUTANOL-norm, PROPAN-2-OL</p>

### 2.3 Other hazards

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixture

ETHANOL		10-30%
CAS number: 64-17-5	EC number: 200-578-6	
Classification Flam. Liq. 2 - H225	Classification (67/548/EEC or 1999/45/EC) F;R11	
BUTYL ACETATE -norm		10-30%
CAS number: 123-86-4	EC number: 204-658-1	
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) R10 R66 R67	
ETHYL ACETATE		5-10%
CAS number: 141-78-6	EC number: 205-500-4	
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	
PROPYL ACETATE		5-10%
CAS number: 109-60-4	EC number: 203-686-1	
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	
ISO-BUTANOL		1-5%
CAS number: 78-83-1	EC number: 201-148-0	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	Classification (67/548/EEC or 1999/45/EC) R10 Xi;R37/38,R41 R67	
BUTANOL-norm		5-10%
CAS number: 71-36-3	EC number: 200-751-6	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R22 Xi;R37/38,R41 R67	

## 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	
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	
FORMALDEHYDE ...%		<1%
CAS number: 50-00-0	EC number: 200-001-8	
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 1B - H350 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43	

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 if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists 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. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

### 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 foam, carbon dioxide or dry powder.

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

### 5.3. Advice for firefighters

Protective actions during firefighting      Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

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## 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

Methods for cleaning up      Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. 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.

### 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. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Use explosion proof electric equipment.

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

Storage precautions                      Keep away from oxidising materials, heat and flames. 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)                      Flammable liquid storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits

##### ETHANOL

Long-term exposure limit (8-hour TWA): OES 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES

##### 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>

##### ETHYL ACETATE

Long-term exposure limit (8-hour TWA): OES 200 ppm

Short-term exposure limit (15-minute): OES 400 ppm

##### PROPYL ACETATE

Long-term exposure limit (8-hour TWA): OES 200 ppm 849 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 250 ppm 1060 mg/m<sup>3</sup>

##### ISO-BUTANOL

Long-term exposure limit (8-hour TWA): OES 50 ppm 154 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): OES 75 ppm 231 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>

##### 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)

##### FORMALDEHYDE ...%

Long-term exposure limit (8-hour TWA): MEL 2 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): MEL 2 ppm 2.5 mg/m<sup>3</sup>

Ingredient comments OES = Occupational Exposure Standard.

## 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 or face shield.

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 hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and 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.

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.

Flash point

< 21°C

### 9.2. Other information

## 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

Acute toxicity - oral

ATE oral (mg/kg) 6,163.71

Acute toxicity - dermal

ATE dermal (mg/kg) 24,875.62

Acute toxicity - inhalation

ATE inhalation (gases ppm) 58,043.12

ATE inhalation (vapours mg/l) 248.76

ATE inhalation (dusts/mists mg/l) 41.46

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause discomfort if swallowed.

Skin contact

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

Eye contact

Irritating to eyes.



## 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 label	3
IMDG class	3
ICAO class/division	3
Transport labels	

### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

### 14.6. Special precautions for user

EmS	3-05
Emergency Action Code	YE
Hazard Identification Number	
(ADR/RID)	33
(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

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## 16. OTHER INFORMATION

Risk phrases in full	R10 Flammable. R11 Highly flammable. R22 Harmful if swallowed. R23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R37/38 Irritating to respiratory system and skin. R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R40 Limited evidence of a carcinogenic effect. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. 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. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer. H370 Causes damage to organs. H371 May cause damage to organs.