



**CHESTNUT**  
P R O D U C T S

**SAFETY DATA SHEET**  
**Acrylic Gloss Lacquer**

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name** Acrylic Gloss Lacquer

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Air drying paint/lacquer product for interior use.

**1.3. Details of the supplier of the safety data sheet**

**Supplier**

Chestnut Products  
PO BOX 260,  
Stowmarket,  
IP14 9BX  
+44 (0) 1473 890118  
+44 (0) 1473 206522  
mailroom@chestnutproducts.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0)1473 425878 (09:00-17:00 Mon- Fri)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Not Classified

**2.2. Label elements**

**Pictogram**



**Signal word**

Danger

**Hazard statements**

H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

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**Precautionary statements**

P102 Keep out of reach of children.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P251 Do not pierce or burn, even after use.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Supplemental label information**

EUH066 Repeated exposure may cause skin dryness or cracking.

**Contains**

Acetone, Butanone, 1-Methoxy-2-propanol

**Supplementary precautionary statements**

P211 Do not spray on an open flame or other ignition source.  
 P261 Avoid breathing vapour/ spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P312 Call a POISON CENTER/ doctor if you feel unwell.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Petroleum gases, liquefied &lt;0.1% 1,3 butadiene</b>	<b>50 - 100%</b>
CAS number: 68476-85-7	EC number: 270-704-2
<b>Classification</b>	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	
<b>Acetone</b>	<b>25 - &lt;50%</b>
CAS number: 67-64-1	EC number: 200-662-2
	REACH registration number: 012119471330-49XXXX
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

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<b>Xylene</b>	<b>5 - &lt;10%</b>
CAS number: 1330-20-7	EC number: 215-535-7
	REACH registration number: 01-2119488216-32-XXXX
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
<b>2-Methoxy-1-methylethyl acetate</b>	<b>5 - &lt;10%</b>
CAS number: 108-65-6	EC number: 203-603-9
<b>Classification</b>	
Flam. Liq. 3 - H226	
<b>Butanone</b>	<b>2.5 - &lt;5%</b>
CAS number: 78-93-3	EC number: 201-159-0
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
<b>1-Methoxy-2-propanol</b>	<b>2.5 - &lt;5%</b>
CAS number: 107-98-2	EC number: 203-539-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	If in doubt, get medical attention promptly.
<b>Inhalation</b>	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.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 10 minutes. Get medical attention promptly if symptoms occur after washing.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	Dryness of mouth and throat. May cause discomfort if swallowed.
<b>Skin contact</b>	Dryness and/or cracking.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Extremely flammable aerosol. Containers can burst violently or explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Toxic gases or vapours.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid inhalation of vapours. Avoid contact with eyes.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Eliminate all sources of ignition. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Absorb spillage with non-combustible, absorbent material. Place waste in labelled, sealed containers. Dispose of contents/container in accordance with national regulations.

### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

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**Usage precautions** Read and follow manufacturer's recommendations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid inhalation of vapours and contact with skin and eyes. Do not spray on an open flame or other ignition source.

### 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. Protect from sunlight. Store at temperatures not exceeding 50°C.

### 7.3. Specific end use(s)

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

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **Petroleum gases, liquefied <0.1% 1,3 butadiene**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

##### **Acetone**

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

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

##### **Xylene**

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

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

Sk

##### **2-Methoxy-1-methylethyl acetate**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 274 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 548 mg/m<sup>3</sup>

Sk

##### **Butanone**

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

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

Sk

##### **1-Methoxy-2-propanol**

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### Acetone (CAS: 67-64-1)

#### **DNEL**

Workers - Inhalation; Short term local effects: 2420 mg/m<sup>3</sup>

Workers - Inhalation; Long term systemic effects: 1210 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 186 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 200 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 62 mg/kg/day

Consumer - Oral; Long term systemic effects: 62 mg/kg/day

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<b>PNEC</b>	- Fresh water; 10.6 mg/l
	- Marine water; 1.06 mg/l
	- Intermittent release; 21 mg/l
	- STP; 100 mg/l
	- Sediment (Freshwater); 30.4 mg/kg
	- Sediment (Marinewater); 3.04 mg/kg
	- Soil; 29.5 mg/kg

### Xylene (CAS: 1330-20-7)

<b>DNEL</b>	Workers - Inhalation; Short term local effects: 289 mg/m <sup>3</sup>
	Workers - Inhalation; Short term systemic effects: 289 mg/m <sup>3</sup>
	Workers - Inhalation; Long term systemic effects: 77 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 180 mg/kg/day
	Consumer - Inhalation; Short term local effects: 174 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 174 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 14.8 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 108 mg/kg/day
Consumer - Oral; Long term systemic effects: 1.6 mg/kg/day	

<b>PNEC</b>	- Fresh water; 0.327 mg/l
	- Marine water; 0.327 mg/l
	- Intermittent release; 0.327 mg/l
	- STP; 6.58 mg/l
	- Sediment (Freshwater); 12.46 mg/kg
	- Sediment (Marinewater); 12.46 mg/kg
	- Soil; 2.31 mg/kg

### Butanone (CAS: 78-93-3)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 1161 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 600 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 412 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 106 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 31 mg/kg/day

<b>PNEC</b>	- Fresh water; 55.8 mg/l
	- Marine water; 55.8 mg/l
	- Intermittent release; 55.8 mg/l
	- STP; 709 mg/l
	- Sediment (Freshwater); 284.7 mg/kg
	- Sediment (Marinewater); 284.7 mg/kg
	- Soil; 22.5 mg/kg

## 8.2. Exposure controls

### **Appropriate engineering controls**

Observe any occupational exposure limits for the product or ingredients. This product is not to be used under conditions of poor ventilation.

### **Eye/face protection**

The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### **Hand protection**

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

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<b>Other skin and body protection</b>	Wear suitable protective clothing as protection against splashing or contamination.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.
<b>Respiratory protection</b>	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.
<b>Environmental exposure controls</b>	Avoid discharge to the aquatic environment.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Clear.
<b>Odour</b>	Organic solvents.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	-41°C
<b>Flash point</b>	-40°C
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Extremely flammable aerosol.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.8% Upper flammable/explosive limit: 13.1%
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0.678
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	270°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Other information</b>	No information required.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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**Reactivity** See the other subsections of this section for further details.

### 10.2. Chemical stability

**Stability** Highly volatile.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** In use may form flammable/explosive vapour-air mixture. Reactions with the following materials may generate heat: Oxidising agents.

### 10.4. Conditions to avoid

**Conditions to avoid** Keep away from heat, sparks and open flame. Avoid exposing aerosol containers to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 15,714.29

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 157.14

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met. Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.



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**Reproductive toxicity - development**                      Based on available data the classification criteria are not met.

**Specific target organ toxicity - single exposure**

**STOT - single exposure**                      STOT SE 3 - H336 May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure**                      Based on available data the classification criteria are not met.

**Aspiration hazard**

**Aspiration hazard**                      Based on available data the classification criteria are not met.

**Route of entry**                      Inhalation Skin and/or eye contact

**Target organs**                      Central nervous system

### Acetone

**Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**                      5,800.0

**Species**                      Rat

**Notes (oral LD<sub>50</sub>)**                      REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)**                      5,800.0

**Acute toxicity - dermal**

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**                      7,427.0

**Species**                      Rabbit

**Notes (dermal LD<sub>50</sub>)**                      REACH dossier information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)**                      7,427.0

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> gases ppmV)**                      54,000.0

**Species**                      Rat

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)**                      128.0

**Species**                      Rat

**Notes (inhalation LC<sub>50</sub>)**                      REACH dossier information. Based on available data the classification criteria are not met.

**ATE inhalation (gases ppm)**                      54,000.0

**ATE inhalation (vapours mg/l)**                      128.0

## Acrylic Gloss Lacquer

### Skin corrosion/irritation

**Human skin model test** Repeated exposure may cause skin dryness or cracking.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative. REACH dossier information. This substance has no evidence of mutagenic properties.

### Carcinogenicity

**Carcinogenicity** NOEL 0.1 ml, Dermal, Mouse REACH dossier information. Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - development** Maternal toxicity: - NOAEC: 2200 ppm, Inhalation, Rat No evidence of reproductive toxicity in animal studies.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 Vapours may cause drowsiness and dizziness.

**Target organs** Central nervous system

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 20000 ppm, Oral, Mouse REACH dossier information. Not classified as a specific target organ toxicant after repeated exposure.

## Xylene

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,251.0

**Species** Mouse

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 5,251.0

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Harmful in contact with skin.

**ATE dermal (mg/kg)** 2,000.0

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Harmful if inhaled.

**ATE inhalation (vapours mg/l)** 11.0

### Skin corrosion/irritation

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**Animal data** Dose: 0.5 ml, 4 hours, Rabbit Primary dermal irritation index: 3 REACH dossier information. Irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEC >500 ppm, Inhalation, Rat P REACH dossier information. Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: >500 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 250 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

## Butanone

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,054.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 2,054.0

### Acute toxicity - dermal

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<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Buehler test - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEL 10000 mg/l, Oral, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Maternal toxicity: - NOAEC: 1002 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H336 May cause drowsiness or dizziness.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOAEC 5041 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.

### 1-Methoxy-2-propanol

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	3,739.0
<b>Species</b>	Rat

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<b>Notes (oral LD<sub>50</sub>)</b>	REACH dossier information. Based on available data the classification criteria are not met.
<b>ATE oral (mg/kg)</b>	3,739.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	> 2000 mg/kg, Rat, REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	LC <sub>50</sub> >7000 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Dose: 0.1 mL, not rinsed out, Rabbit REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b>Genotoxicity - in vivo</b>	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	NOEL 3000 ppm, Inhalation, Mouse REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOEL 1000 ppm, Inhalation, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Teratogenicity: - NOEL: 1500 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H336 May cause drowsiness or dizziness.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	NOEL 919 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment.

## Acrylic Gloss Lacquer

### Acetone

<b>Toxicity</b>	Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 6210 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 8800 mg/l, Daphnia pulex REACH dossier information.
<b>Acute toxicity - aquatic plants</b>	NOEC, 8 days: 530 mg/l, Microcystis aeruginosa REACH dossier information.
<b>Acute toxicity - microorganisms</b>	EC <sub>12</sub> , 30 minutes: 1000 mg/l, Activated sludge REACH dossier information.
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 28 days: 1106 - 2212 mg/l, Daphnia magna LOEC, 28 days: 2212 mg/l, Daphnia magna REACH dossier information.

### Xylene

<b>Toxicity</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 2.6 mg/l, Onchorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	IC <sub>50</sub> , 24 hours: 2.2 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 73 hours: 4.36 mg/l, Selenastrum capricornutum
<b>Chronic toxicity - fish early life stage</b>	NOEC, 56 days: >1.3 mg/l, Onchorhynchus mykiss (Rainbow trout)

### Butanone

<b>Toxicity</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 2993 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 308 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 96 hours: 2029 mg/l, Selenastrum capricornutum

### 1-Methoxy-2-propanol

<b>Toxicity</b>	Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 20800 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 21100 mg/l, Daphnia magna

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**Acute toxicity - aquatic plants** EC<sub>50</sub>, 7 days: >1000 mg/l, Selenastrum capricornutum

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

#### Acetone

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Water - DT<sub>50</sub> : 10 days  
REACH dossier information.

**Biodegradation** Water - Degradation (90.9%): 28 days  
REACH dossier information.

#### Xylene

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Water - DT<sub>50</sub> : 1.09 days

**Biodegradation** Water - Degradation 87.8%: 28 days

#### Butanone

**Persistence and degradability** The product is readily biodegradable.

**Biodegradation** Water - Degradation 98%: 28 days

#### 1-Methoxy-2-propanol

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Water - DT<sub>50</sub> : 3.1 hours

**Biodegradation** Water - Degradation 96%: 28 days

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

#### Acetone

**Partition coefficient** log Pow: -0.24 REACH dossier information.

#### Xylene

**Bioaccumulative potential** BCF: 25.9, Onchorhynchus mykiss (Rainbow trout)

**Partition coefficient** log Pow: 3.12

#### Butanone

## Acrylic Gloss Lacquer

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** log Pow: 0.3

### 1-Methoxy-2-propanol

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** log Pow: < 1

#### 12.4. Mobility in soil

**Mobility** The product is insoluble in water. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### Acetone

**Mobility** The product is soluble in water.

**Henry's law constant** 2.929 Pa m<sup>3</sup>/mol @ 25°C REACH dossier information.

**Surface tension** 23700 mN/m @ 20°C REACH dossier information.

### Xylene

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** Water - log Koc: 2.73 @ 20-25°C

**Henry's law constant** 623 Pa m<sup>3</sup>/mol @ 25°C Estimated value.

**Surface tension** 28.75 mN/m @ 25°C

### Butanone

**Mobility** The product is soluble in water.

### 1-Methoxy-2-propanol

**Mobility** Mobile.

**Surface tension** 70.7 mN/m @ 20°C

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Acetone

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Xylene

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Butanone



## Acrylic Gloss Lacquer

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 1-Methoxy-2-propanol

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Empty containers must not be punctured or incinerated because of the risk of an explosion.

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

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

#### 14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

#### Transport labels



#### 14.4. Packing group

Not applicable.

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### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

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

Transport in bulk according to Not relevant.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

**National regulations** The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.  
IATA: International Air Transport Association.  
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
IMDG: International Maritime Dangerous Goods.  
CAS: Chemical Abstracts Service.  
ATE: Acute Toxicity Estimate.  
LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
EC<sub>50</sub>: 50% of maximal Effective Concentration.  
PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.

## Acrylic Gloss Lacquer

<b>Classification abbreviations and acronyms</b>	Aerosol = Aerosol Eye Irrit. = Eye irritation STOT SE = Specific target organ toxicity-single exposure
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	STOT SE 3 - H336: Eye Irrit. 2 - H319: : Calculation method. Aerosol 1 - H222, H229: : Expert judgement.
<b>Training advice</b>	Only trained personnel should use this material.
<b>Revision comments</b>	Classification according to EC 1272/2008 (CLP).
<b>Revision date</b>	06/12/2016
<b>Revision</b>	3
<b>Supersedes date</b>	31/10/2014
<b>SDS number</b>	2001
<b>Hazard statements in full</b>	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated 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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.