

**Safety Data Sheet**

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: 318

Issue date: 15.10.2013 Revision date: 14.04.2023 Supersedes version of: 14.06.2022 Version: 2.0

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : 44586093 SPECIAL LEATHER PROTECTION LACQUER  
Product code : 44586093

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use  
Use of the substance/mixture : Varnish

**1.2.2. Uses advised against**

No additional information available

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

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**1.4. Emergency telephone number**

Emergency number : ESPAÑA: 954 37 12 33 (INTCF) // PORTUGAL: 800 250 250 (CIAV) // FRANCE: 05 61 77 74 47

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosol, Category 1 H222;H229  
Serious eye damage/eye irritation, Category 2 H319  
Specific target organ toxicity – Single exposure, Category 3, H336  
Narcosis

Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Pressurised container: May burst if heated. Extremely flammable aerosol. Causes serious eye irritation.

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

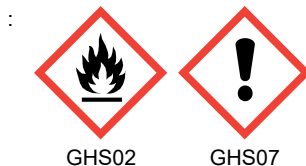
## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

GHS07

Signal word (CLP)

: Danger

Contains

: n-Butyl acetate; Propanone; Ethyl acetate; 2-methoxy-1-methylethyl acetate

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP)

: P101 - Si se necesita consejo médico, tener a mano el envase o la etiqueta.

P102 - Keep out of reach of children.

P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Pressurized container: Do not pierce or burn, even after use.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: EUH066 - Repeated exposure may cause skin dryness or cracking.

Extra phrases

: Without sufficient ventilation explosive mixtures can form.

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propanone	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-49	25 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Dimethylether	CAS-No.: 115-10-6 EC-No.: 204-065-8 EC Index-No.: 603-019-00-8 REACH-no: 01-2119472128-37	20 – 25	Flam. Gas 1A, H220 Press. Gas (Comp.), H280

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl acetate	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5 REACH-no: 01-2119475103-46	10 – 12,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
n-Butyl acetate	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493-29	5 – 10	Flam. Liq. 3, H226 STOT SE 3, H336
Isobutane	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-00-0 REACH-no: 01-2119485395-27	5 – 10	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Propane	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944-21	5 – 10	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Butane	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691-32	5 – 10	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Cellulose nitrate	CAS-No.: 9004-70-0	2,5 – 5	Expl. 1.1, H201
2-methoxy-1-methylethyl acetate	CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7 REACH-no: 01-2119475791-29	2,5 – 5	Flam. Liq. 3, H226 STOT SE 3, H336
1-Butanol	CAS-No.: 71-36-3 EC-No.: 200-751-6 EC Index-No.: 603-004-00-6 REACH-no: 01-2119484630-38	< 2,5	Eye Dam. 1, H318 Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 STOT SE 3, H335 STOT SE 3, H336
Propan-2-ol	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558-25	< 2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

#### First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

First-aid measures after skin contact	: Wash skin with plenty of water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Eye irritation. Causes serious eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: Extremely flammable aerosol.
Explosion hazard	: Pressurised container: May burst if heated.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Evacuate unnecessary personnel.
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#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray.
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up	: Mechanically recover the product. Store away from other materials.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13. See Section 8. Exposure controls and personal protection.

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact with skin and eyes. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash hands, forearms and face thoroughly after handling.

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

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Ethyl acetate (141-78-6)	
Portugal - Occupational Exposure Limits	
Local name	Acetato de etilo
OEL TWA [ppm]	400 ppm
Spain - Occupational Exposure Limits	
Local name	Acetato de etilo
VLA-ED (OEL TWA) [1]	1460 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	400 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Ethyl acetate
WEL TWA (OEL TWA) [2]	200 ppm
WEL STEL (OEL STEL) [ppm]	400 ppm
Butane (106-97-8)	
United Kingdom - Occupational Exposure Limits	
Local name	Butane
WEL TWA (OEL TWA) [1]	1450 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	600 ppm
WEL STEL (OEL STEL)	1810 mg/m <sup>3</sup>
WEL STEL (OEL STEL) [ppm]	750 ppm

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Butane (106-97-8)

Remark	Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49–51), (only applies if Butane contains more than 0.1% of buta-1,3-diene)
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#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

### n-Butyl acetate (123-86-4)

#### DNEL/DMEL (Workers)

Acute - systemic effects, dermal	11 mg/kg bodyweight/day
Acute - systemic effects, inhalation	600 mg/m <sup>3</sup>
Acute - local effects, inhalation	600 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	48 mg/m <sup>3</sup>
Long-term - local effects, inhalation	300 mg/m <sup>3</sup>

#### DNEL/DMEL (General population)

Acute - systemic effects, inhalation	300 mg/m <sup>3</sup>
Acute - systemic effects, oral	2 mg/kg bw/day
Acute - local effects, inhalation	300 mg/m <sup>3</sup>
Long-term - systemic effects, oral	2 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	12 mg/m <sup>3</sup>
Long-term - local effects, inhalation	35,7 mg/m <sup>3</sup>

#### PNEC (Water)

PNEC aqua (freshwater)	180 µg/L
PNEC aqua (marine water)	18 µg/L

#### PNEC (Sediment)

PNEC sediment (freshwater)	0,981 mg/kg bw/day
PNEC sediment (marine water)	0,0981

#### PNEC (Soil)

PNEC soil	0,09 mg/kg bw/day
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#### PNEC (STP)

PNEC sewage treatment plant	35,6 mg/l
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### 1-Butanol (71-36-3)

#### DNEL/DMEL (Workers)

Long-term - local effects, inhalation	310 mg/m <sup>3</sup>
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#### DNEL/DMEL (General population)

Long-term - systemic effects, oral	3125 mg/kg bw/day
Long-term - local effects, inhalation	55 mg/m <sup>3</sup>

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>1-Butanol (71-36-3)</b>	
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,082 mg/l
PNEC aqua (marine water)	0,0082 mg/l
PNEC aqua (intermittent, freshwater)	2,25 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0,178 mg/kg wet weight
PNEC sediment (marine water)	0,0178 mg/kg wet weight
<b>PNEC (Soil)</b>	
PNEC soil	0,015 mg/kg wet weight
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	2476 mg/l
<b>Propan-2-ol (67-63-0)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	888 mg/kg bw/day
Long-term - systemic effects, inhalation	500 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	89 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	319 mg/kg bw/day
Long-term - local effects, dermal	319 mg/kg bw/day
Long-term - local effects, inhalation	89 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	140,9 mg/l
PNEC aqua (marine water)	140,9 mg/l
PNEC aqua (intermittent, freshwater)	28 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	552 mg/kg dwt
PNEC sediment (marine water)	552 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	28 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	160 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	2251 mg/l
<b>Ethyl acetate (141-78-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, inhalation	1468 mg/m <sup>3</sup>
Acute - local effects, inhalation	1468 mg/m <sup>3</sup>

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>Ethyl acetate (141-78-6)</b>	
Long-term - systemic effects, dermal	63 mg/kg KW
Long-term - systemic effects, inhalation	734 mg/m <sup>3</sup>
Long-term - local effects, inhalation	734 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, inhalation	734 mg/kg KW
Acute - local effects, inhalation	734 mg/m <sup>3</sup>
Long-term - systemic effects, oral	4,5 mg/kg KW
Long-term - systemic effects, inhalation	367 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	37 mg/kg KW
Long-term - local effects, inhalation	367 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,26 mg/l
PNEC aqua (marine water)	0,026 mg/l
PNEC aqua (intermittent, freshwater)	1,65 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	1,25 mg/kg KW
PNEC sediment (marine water)	0,125 mg/kg KW
<b>PNEC (Soil)</b>	
PNEC soil	0,24 mg/kg KW
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	200 mg/kg
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	650 mg/l
<b>Dimethylether (115-10-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, inhalation	1894 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, inhalation	471 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,155 mg/l
PNEC aqua (marine water)	0,016 mg/l
PNEC aqua (intermittent, freshwater)	1,549 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0,681 mg/kg KW
PNEC sediment (marine water)	0,069 mg/kg KW
<b>PNEC (Soil)</b>	
PNEC soil	0,045 mg/kg KW
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1,549 mg/l

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2-methoxy-1-methylethyl acetate (108-65-6)	
<b>DNEL/DMEL (Workers)</b>	
Acute - local effects, inhalation	550 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	796 mg/kg KW
Long-term - systemic effects, inhalation	275 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	36 mg/kg KW
Long-term - systemic effects, inhalation	33 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	320 mg/kg KW
Long-term - local effects, inhalation	33 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0,635 mg/l
PNEC aqua (marine water)	0,064 mg/l
PNEC aqua (intermittent, freshwater)	6,35 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3,29 mg/kg KW
PNEC sediment (marine water)	0,329 mg/kg KW
<b>PNEC (Soil)</b>	
PNEC soil	0,29 mg/kg KW
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	100 mg/l

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses.

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves. Wear protective gloves.

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Butyl rubber	6 (> 480 minutes)	0,4		

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Filter. A2/P3. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Spray
Colour	: Colourless.
Appearance	: Aerosol.
Odour	: Similar to solvent.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not self-igniting, Extremely flammable aerosol, Non flammable.
Explosive properties	: Pressurised container: May burst if heated.
Lower explosion limit	: 2,1 vol %
Upper explosion limit	: 26,2 vol %
Flash point	: Not applicable
Auto-ignition temperature	: 240 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: insoluble in water. Not miscible or difficult to mix with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 4000 hPa
Vapour pressure at 50°C	: Not available
Density	: 0,8 g/cm <sup>3</sup>
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 91,6 %

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 10.2. Chemical stability

Stable under normal conditions. Not established.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

<b>n-Butyl acetate (123-86-4)</b>	
LD50 oral rat	> 6400 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	0,74 mg/l/4h
<b>Propanone (67-64-1)</b>	
LD50 oral	5800 mg/kg
LD50 dermal rabbit	7426 mg/kg
LC50 Inhalation - Rat	> 20 mg/l/4h
<b>Isobutane (75-28-5)</b>	
LD50 oral	> 2000 mg/kg
LD50 dermal	> 2000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h
<b>1-Butanol (71-36-3)</b>	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h
<b>Propan-2-ol (67-63-0)</b>	
LD50 oral rat	2100 mg/kg
LD50 dermal rat	> 2000 mg/kg

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>Propan-2-ol (67-63-0)</b>	
LC50 Inhalation - Rat	> 25 mg/l (6 h)
<b>Ethyl acetate (141-78-6)</b>	
LD50 dermal rat	4100 mg/kg
LD50 dermal rabbit	5620 mg/kg
LC50 Inhalation - Rat	1600 mg/m <sup>3</sup> (4 h)
<b>Dimethylether (115-10-6)</b>	
LD50 oral	> 2000 mg/kg
LD50 dermal	> 2000 mg/kg
LC50 Inhalation - Rat	308 mg/l/4h
<b>Butane (106-97-8)</b>	
LD50 oral rat	> 2000 mg/kg
LC50 Inhalation - Rat	658 mg/l/4h
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/l
LC50 Inhalation - Rat	23,5 mg/l/4h
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: May cause drowsiness or dizziness.
<b>n-Butyl acetate (123-86-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Propanone (67-64-1)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>1-Butanol (71-36-3)</b>	
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>Propan-2-ol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Ethyl acetate (141-78-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 12.2. Persistence and degradability

#### 44586093 SPECIAL LEATHER PROTECTION LACQUER

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### 44586093 SPECIAL LEATHER PROTECTION LACQUER

Bioaccumulative potential	Not established.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 14.1. UN number or ID number

UN-No. (ADR) : UN 1950  
UN-No. (IMDG) : UN 1950  
UN-No. (IATA) : UN 1950  
UN-No. (ADN) : UN 1950  
UN-No. (RID) : UN 1950

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS  
Proper Shipping Name (IMDG) : AEROSOLS  
Proper Shipping Name (IATA) : Aerosols, flammable  
Proper Shipping Name (ADN) : AEROSOLS  
Proper Shipping Name (RID) : AEROSOLS  
Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D)  
Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1  
Transport document description (IATA) : UN 1950 Aerosols, flammable, 2.1  
Transport document description (ADN) : UN 1950 AEROSOLS, 2.1  
Transport document description (RID) : UN 1950 AEROSOLS, 2.1

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 2.1  
Danger labels (ADR) : 2.1



#### IMDG

Transport hazard class(es) (IMDG) : 2.1  
Danger labels (IMDG) : 2.1



#### IATA

Transport hazard class(es) (IATA) : 2.1  
Danger labels (IATA) : 2.1



#### ADN

Transport hazard class(es) (ADN) : 2.1  
Danger labels (ADN) : 2.1



#### RID

Transport hazard class(es) (RID) : 2.1  
Danger labels (RID) : 2.1

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878



### 14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: 5F
Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207, LP02
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

#### Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
MFAG-No	: 126

#### Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

#### Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1 L

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Excepted quantities (ADN) : E0  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01, VE04  
Number of blue cones/lights (ADN) : 1

### Rail transport

Classification code (RID) : 5F  
Special provisions (RID) : 190, 327, 344, 625  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E0  
Packing instructions (RID) : P207, LP02  
Special packing provisions (RID) : PP87, RR6, L2  
Mixed packing provisions (RID) : MP9  
Transport category (RID) : 2  
Special provisions for carriage – Packages (RID) : W14  
Special provisions for carriage - Loading, unloading and handling (RID) : CW9, CW12  
Colis express (express parcels) (RID) : CE2  
Hazard identification number (RID) : 23

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### VOC Directive (2004/42)

VOC content : 91,6 %

##### Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see [https://ec.europa.eu/home-affairs/system/files/2021-11/list\\_of\\_competent\\_authorities\\_and\\_national\\_contact\\_points\\_en.pdf](https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf)

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

#### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen –  
Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
Other information : None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
EUH066	Repeated exposure may cause skin dryness or cracking.
Expl. 1.1	Explosives, Division 1.1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H201	Explosive; mass explosion hazard.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.

# 44586093 SPECIAL LEATHER PROTECTION LACQUER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
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.
H302	Harmful if swallowed.
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.
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.