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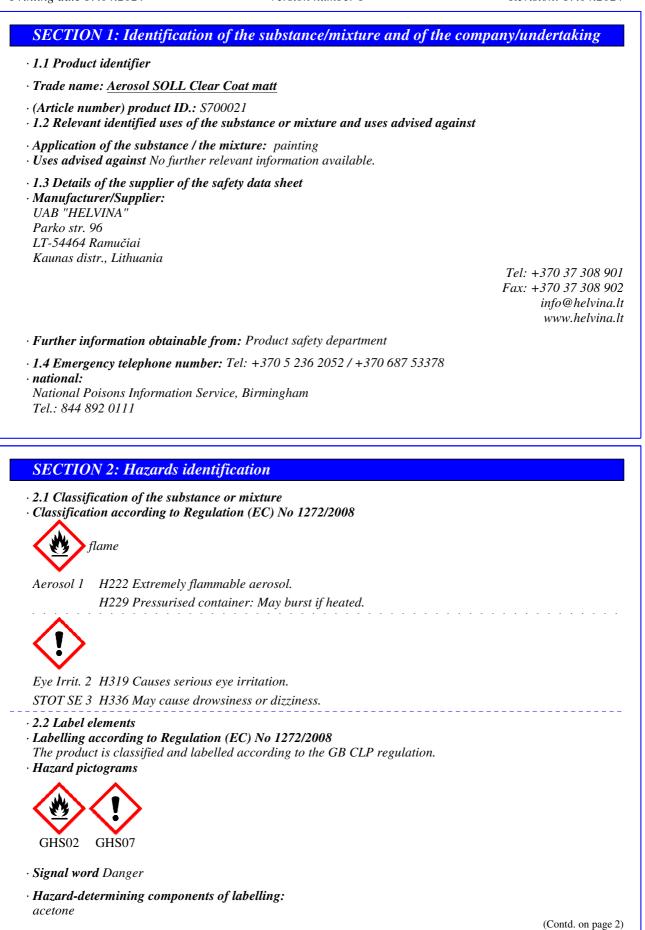
Safety data sheet according to 1907/2006/EC, Article 31

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 Trade name: Aerosol SOLL Clear Coat matt

 n-butyl acetate

 2-methoxy-1-methylethyl acetate

 butanone

 • Hazard statements

 H222 Extremely flammable aerosol.

 H229 Pressurised container: May burst if heated.

 H319 Causes serious eye irritation.

 H336 May cause drowsiness or dizziness.

 • Precautionary statements

 P101
 If medical advice is needed, have product container or label at hand.

 P102
 Keep out of reach of children.

- P103 Read carefully and follow all instructions.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- *P211 Do not spray on an open flame or other ignition source.*
- P251 Do not pierce or burn, even after use.
- P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

Without adequate ventilation, explosive atmosphere/gas mix may be created.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· 2.3 Other hazards

- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

CAS: 67-64-1	acetone	25-<50%
EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	� Flam. Liq. 2, H225; � Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether � Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	10-<25%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane The second sec	10-<25%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane (containing ≤ 0,1 % butadiene (203-450-8)) ♦ Flam. Gas IA, H220; Press. Gas (Comp.), H280, EUH018	5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate 🚸 Flam. Liq. 3, H226; 🔷 STOT SE 3, H336, EUH066	5-<10%

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CAS: 75-28-5	isobutane (containing $\leq 0,1$ % butadiene (203-450-8))	ntd. of pag 5-<10
EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	5 .10
CAS: 9004-70-0 Reg.nr.: no Reach No. availlable	nitrocellulose with water(not less than 25% water, by mass)	2.5-<5
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	2.5-<5
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene, mixture of isomers Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-<5
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol 🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319	1-<2.5
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-xxxx	butanone Flam. Liq. 2, H225;	1-<2.5
CAS: 7397-62-8 EINECS: 230-991-7 Reg.nr.: 01-2119514685-36-xxxx	butyl glycollate 🗞 Repr. 2, H361; 🎸 Eye Dam. 1, H318	1-<2.5
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzene	<1%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38-xxxx	butan-1-ol ♦ Flam. Liq. 3, H226; ♦ Eye Dam. 1, H318; ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335; STOT SE 3, H336	<1%

SECTION 4: First aid measures

• 4.1 Description of first aid measures

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- · After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media -
- · Suitable extinguishing agents: Cool container whit water
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

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SECTION 6: Accidental release measures

- · 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:
- Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- · 6.4 Reference to other sections
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

- Keep away from heat and direct sunlight.
- Ensure good ventilation/exhaustion at the workplace.
- · Information about fire and explosion protection:

Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric

lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

. 9 1 (Control navameters	
	Control parameters edients with limit values that require monitorin	a at the worknlace.
0	4-1 acetone	
WEL	Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm	
115-	10-6 dimethyl ether	
WEL	. Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm	
106-2	97-8 butane (containing ≤0,1 % butadiene (20	3-450-8))
WEL	. Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)	
123-0	86-4 n-butyl acetate	
WEL	. Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm	
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	5-6 2-methoxy-1-methylethyl acetate	
	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk	
1330-	20-7 xylene, mixture of isomers	
	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV	
64-17	-5 ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm	
78-93	-3 butanone	
	Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV	
100-4	1-4 ethylbenzene	
	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk	
71-36	-3 butan-1-ol	
WEL	Short-term value: 154 mg/m³, 50 ppm Sk	
Ingre	dients with biological limit values:	
1330-	20-7 xylene, mixture of isomers	
	V 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid	
78-93	2-3 butanone	
BMG	V 70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one	

· 8.2 Exposure controls

- Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment

• General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes. Avoid contact with the eyes and skin.

• Respiratory protection:



When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supply.

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• Hand protection Protective gloves



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Penetration time of glove material

Gloves must be changed after every contamination.

- The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- \cdot For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- butyl rubber, 0,7mm · Eye/face protection
- Safety glasses



Tightly sealed goggles

SECTION 9: Physical and chemical properties

General Information		
Physical state	Aerosol	
Colour:	According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
Melting point/freezing point:	Undetermined.	
Boiling point or initial boiling point and boiling		
range	-44 °C	
Flammability	Not applicable.	
Lower and upper explosion limit		
Lower:	1.7 Vol % (74-98-6 propane)	
Upper:	18.6 Vol % (115-10-6 dimethyl ether)	
Flash point:	<0 °C	
Auto-ignition temperature:	235 °C (115-10-6 dimethyl ether)	
Decomposition temperature:	Not determined.	
pH -	Not determined.	
Viscosity:		
Kinematic viscosity	Not determined.	
Dynamic:	Not determined.	
Solubility		
water:	Not miscible or difficult to mix.	
Partition coefficient n-octanol/water (log value)	Not determined.	
Vapour pressure at 20 °C:	3,600 hPa (74-98-6 propane)	
Vapour pressure at 50 °C:	800 hPa	
Density and/or relative density		
Relative density	0.73 g/cm ³	
Vapour density	Not determined.	

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9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of heal	th and
environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation
	explosive air/vapour mixtures are possible.
	Not determined.
Solvent content:	
Organic solvents:	90.0 %
-	With propellant gas. Content given by weight.
Water:	0.1 %
VOC (EU)	(<840g/l)
	89.96 %
Solids content:	8.8 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard c	classes
Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol. Pressurised containe
	May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flamme	
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

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SECTION 11: Toxicological information

• 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 • Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 68,130 mg/kg (rabbit)

Inhalative LC50/4 h 375 mg/l (rat)

· Serious eye damage/irritation Causes serious eye irritation.

· STOT-single exposure May cause drowsiness or dizziness.

 \cdot 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Ikke relevant.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- Additional ecological information:
- · General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation
- Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information		
· 14.1 UN number or ID number		
· ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
·ADR	1950 AEROSOLS	
·IMDG	AEROSOLS	
· IATA	AEROSOLS, flammable	

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14.3 Transport hazard class(es)	(·······
ADR	
×	
Class Label	2 5F Gases. 2.1
	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
14.4 Packing group	
ADR, IMDG, IATA	Void not algorified
	not classified
14.5 Environmental hazards:	Ma
Marine pollutant:	No
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	- not classified
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of
	litre: Category A. For AEROSOLS with a capacity abo 1 litre: Category B. For WASTE AEROSOLS: Catego
	<i>C</i> , <i>Clear of living quarters</i> .
Segregation Code	SG69 For AEROSOLS with a maximum capacity of
	litre:
	Segregation as for class 9. Stow "separated from" class except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
14.7 Maritime transport in bulk according to IM instruments	
	Not applicable.
Transport/Additional information:	
ADR Limited an antitian (LO)	11
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0
Excepted quantates (EQ)	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	1L

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\cdot Excepted quantities (EQ)	Code: E0 Not permitted as Excep	ted Quantity
• UN "Model Regulation":	UN 1950 AEROSOLS, 2	2.1
SECTION 15: Regulatory of • 15.1 Safety, health and environn VOC: <840g/l	information nental regulations/legislation specific for a	the substance or mixture
· Poisons Act		
• Regulated explosives precursors		
None of the ingredients is listed.		
· Regulated poisons		
None of the ingredients is listed.		
· Reportable explosives precursors	3	
67-64-1 acetone		Listed
· Reportable poisons		
50-00-0 formaldehyde		5%
 Seveso category P3a FLAMMAB Qualifying quantity (tonnes) for Qualifying quantity (tonnes) for National regulations: 	ANNEX I None of the ingredients is listed. LE AEROSOLS the application of lower-tier requirements the application of upper-tier requirement	
• Technical instructions (air):		
ClassShare in %Wasser<1		
	d class 1 (Self-assessment): slightly hazard : A Chemical Safety Assessment has not be	

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

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- H201 Explosive; mass explosion hazard.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- Contains gas under pressure; may explode if heated. H280
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- *H318* Causes serious eye damage.
- H319 Causes serious eye irritation.
- *H332* Harmful if inhaled.
- H335 May cause respiratory irritation.

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H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
EUH018 In use may form flammable/explosive vapour-air mixture.
EUH066 Repeated exposure may cause skin dryness or cracking.
Donooo Repeared exposure may equal skin aryness or erdeking.
· Department issuing SDS: Product safety department
· Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
International Transport of Dangerous Goods by Rail)
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the
International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Expl. 1.1: Explosives – Division 1.1
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
: Aerosols – Category 3
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam, Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
• * Data compared to the previous version altered.