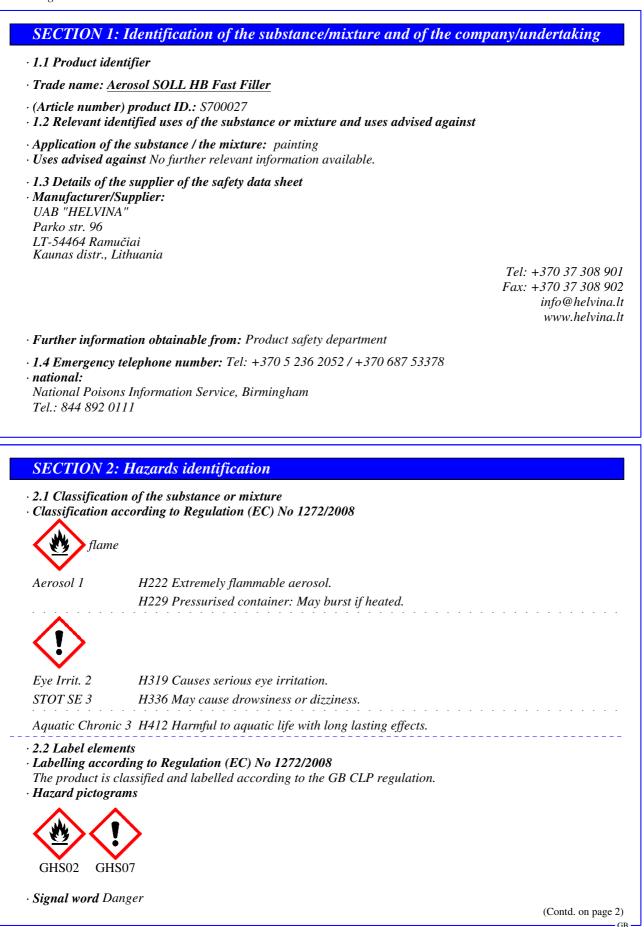
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	(Contd. of page
Hazard-determ	ining components of labelling:
acetone	
n-butyl acetate	
	ethylethyl acetate
Hazard statem	
H222 Extremel	y flammable aerosol.
H229 Pressuris	sed container: May burst if heated.
H319 Causes s	erious eye irritation.
H336 May cau	se drowsiness or dizziness.
H412 Harmful	to aquatic life with long lasting effects.
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. <i>1</i> 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.
P273	Avoid release to the environment.
P305+P351+P	2338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
	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/internation regulations.
Additional info	
Without adeque	ate ventilation, explosive atmosphere/gas mix may be created.
Warning! Haza	rdous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
EUH208 Conta	uins maleic anhydride. May produce an allergic reaction.
2.3 Other haza	rds

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone	25-<50%
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 Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	5-<10%
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%
		(Contd. on page

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		(Contd. of page
CAS: 1330-20-7 EINECS: 215-535-7	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; Aquatic Chronic 3, H412	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane (containing ≤ 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	2.5-<5%
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	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	1-<2.5%
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40-xxxx	trizinc bis(orthophosphate) Aquatic Acute 1, H400; Aquatic Chronic 1, H410	1-<2.5%
CAS: 112-07-2 EINECS: 203-933-3 Reg.nr.: 01-2119475112-47-xxxx	2-butoxyethyl acetate Acute Tox. 4, H312; Acute Tox. 4, H332	<1%
CAS: 1314-13-2 EINECS: 215-222-5 Reg.nr.: 01-2119463881-32-xxxx	zinc oxide	<i>≥</i> 0.025-<0.25
CAS: 108-31-6 EINECS: 203-571-6 Reg.nr.: 01-2119472428-31-xxxx	maleic anhydride	<0.001%

• Additional information: For the wording of the tisted huzard phruses refer to sec

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.

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• 5.3 Advice for firefighters

· Protective equipment: No special measures required.

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 product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
- 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

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

67-64-1 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

106-97-8 butane (containing $\leq 0,1$ % butadiene (203-450-8))

WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

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		(Contd. of page 4)
1330-1	20-7 xylene, mixture of isomers	
	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV	
123-8	6-4 n-butyl acetate	
	Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm	
108-6	5-6 2-methoxy-1-methylethyl acetate	
	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk	
112-0	7-2 2-butoxyethyl acetate	
	Short-term value: 332 mg/m³, 50 ppm Long-term value: 133 mg/m³, 20 ppm Sk	
108-3	1-6 maleic anhydride	
	Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ Sen	
· Ingree	dients with biological limit values:	
1330-2	20-7 xylene, mixture of isomers	
BMGV	V 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid	
· 8.2 Ex · Appro	ional information: The lists valid during the making were used as basis. xposure controls ppriate engineering controls No further data; see section 7. idual protection measures, such as personal protective equipment	

· 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.

· 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.

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(Contd. of page 5) 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

•9.1 Information on basic physical and chemical p	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:	2.6 Vol % (67-64-1 acetone)
· 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.
· ·	Not determined.
· pH	Noi delermined.
· Viscosity:	N
· 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:	3,400 hPa (115-10-6 dimethyl ether)
· Vapour pressure at 50 °C:	800 hPa
• Density and/or relative density	
· Relative density	0.845 g/ml
· Vapour density	Not determined.
• 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health an	d
environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
	Not determined.
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· Solvent content:		
· Organic solvents:	78.6 %	
-	With propellant gas. Co	ontent given by weight.
\cdot VOC (EU)	(<840g/l)	
	78.56 %	
· Solids content:	21.5 %	
· Change in condition		
· Evaporation rate	Not applicable.	
· Information with regard to physical haz	ard classes	
· Explosives	Void	
· Flammable gases	Void	
· Aerosols	Extremely flammable	aerosol. Pressurised container
	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 flo	ummable	
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.

SECTION 11: Toxicological information

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

 \cdot Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)DermalLD5033,259 mg/kg (rabbit)

Inhalative LC50/4 h 183 mg/l (rat)

• Serious eye damage/irritation Causes serious eye irritation.

• STOT-single exposure May cause drowsiness or dizziness.

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\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
- · Remark: Harmful to fish
- \cdot Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms

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.

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	
14.3 Transport hazard class(es) ADR		
Class	2 5F Gases.	

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Trade name: Aerosol SOLL HB Fast Filler (Contd. of page 8) 2.1 · Label · IMDG, IATA 2.1 Gases. · Class · Label 2.1 · 14.4 Packing group · ADR, IMDG, IATA Void not classified · 14.5 Environmental hazards: • Marine pollutant: No · 14.6 Special precautions for user Warning: Gases. · Hazard identification number (Kemler code): not classified · EMS Number: F-D, S-USW1 Protected from sources of heat. · Stowage Code SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 · Segregation Code litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. · 14.7 Maritime transport in bulk according to IMO instruments Not applicable. · Transport/Additional information: ·ADR \cdot Limited quantities (LQ) lLCode: E0 · Excepted quantities (EQ) Not permitted as Excepted Quantity · Transport category 2 · Tunnel restriction code D · IMDG · Limited quantities (LQ) lLCode: E0 • Excepted quantities (EQ) Not permitted as Excepted Quantity UN 1950 AEROSOLS, 2.1 · UN "Model Regulation":

SECTION 15: Regulatory information

• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture VOC: <840g/l

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Listed

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

· Poisons Act

None of the ingredients is listed.

· Reportable explosives precursors

67-64-1 acetone

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

- · Seveso category P3a FLAMMABLE AEROSOLS
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

· National regulations:

· Technical instructions (air):

ClassShare in %NK50-100

· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

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

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- EUH018 In use may form flammable/explosive vapour-air mixture.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH071 Corrosive to the respiratory tract.

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Department issuing SDS: Prod	uct safety department
Abbreviations and acronyms:	
	ernational des marchandises dangereuses par route (European Agreement Concerning th
International Carriage of Dangerous G	
IMDG: International Maritime Code fo	
IATA: International Air Transport Asso	
	Classification and Labelling of Chemicals
EINECS: European Inventory of Existin	
ELINCS: European List of Notified Che	
CAS: Chemical Abstracts Service (divis	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
<i>PBT: Persistent, Bioaccumulative and C</i>	Toxic
vPvB: very Persistent and very Bioaccu	
ATE: Acute toxicity estimate values	
Flam. Gas 1A: Flammable gases – Cate	egory 1A
Aerosol 1: Aerosols – Category 1	0 2
: Aerosols – Category 3	
Press. Gas (Comp.): Gases under press	ure – Compressed gas
Flam. Liq. 2: Flammable liquids – Cate	
Flam. Liq. 3: Flammable liquids – Cate	
Acute Tox. 4: Acute toxicity – Category	
Skin Corr. 1B: Skin corrosion/irritation	
Skin Irrit. 2: Skin corrosion/irritation –	
Eye Dam. 1: Serious eye damage/eye ir	ritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irr	
Resp. Sens. 1: Respiratory sensitisation	e – Category 1
Skin Sens. 1A: Skin sensitisation – Cate	
STOT SE 3: Specific target organ toxic	ity (single exposure) – Category 3
STOT RE 1: Specific target organ toxic	ity (repeated exposure) – Category 1
STOT RE 2: Specific target organ toxic	ity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard - Categ	ory 1
Aquatic Acute 1: Hazardous to the aqua	atic environment - acute aquatic hazard – Category 1
	quatic environment - long-term aquatic hazard – Category 1
	quatic environment - long-term aquatic hazard – Category 3
* Data compared to the previou	us version altered.