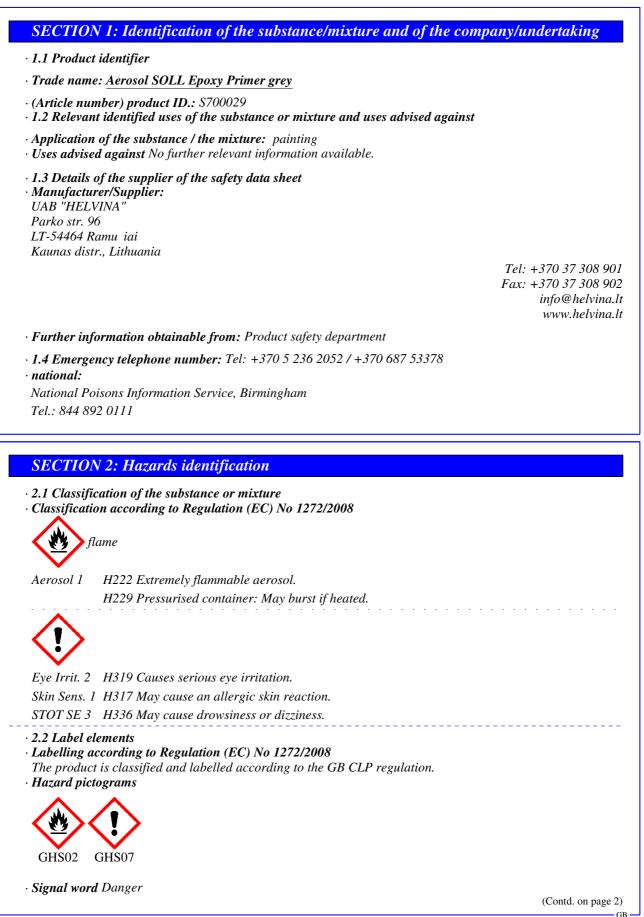
Printing date 17.04.2024

\*

Version number 1

Revision: 17.04.2024



GB

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

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

	(Contd. of pag
Hazard-determ	ining components of labelling:
acetone	and components of the entries.
	t: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight 700-1100
propan-2-ol	
<i>n-butyl acetate</i>	
	18-unsatd. dimers, reaction products with N,N-dimethyl-1,3- propanediamine and 1,
propanediamine	
Hazard stateme	
	y flammable aerosol.
	ed container: May burst if heated.
	prious eye irritation.
	e an allergic skin reaction.
	e drowsiness or dizziness.
Precautionary s	
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 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.
P302+P352	IF ON SKIN: Wash with plenty of water.
	338 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.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
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	•
	te ventilation, explosive atmosphere/gas mix may be created.
	rdous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
2.3 Other hazar	

• *PBT:* Not applicable. • *vPvB:* Not applicable.

# **SECTION 3: Composition/information on ingredients**

· 3.2 Mixtures

\*

 $\cdot \textit{Description: Mixture of substances listed below with nonhazardous additions.}$ 

· Dangerous components:		
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	25-<50%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone Flam. Liq. 2, H225; (1) Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10-<25%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225; (1) Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
	(Co	ntd. on page 3)

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey

CAS: 123-86-4	n-butyl acetate	ontd. of page 2.5-<59
EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx	♦ Flam. Liq. 3, H226; ♦ STOT SE 3, H336, EUH066	2.5- 35
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-<59
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol 🊸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319	1-<2.59
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate � Flam. Liq. 2, H225; � Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	1-<2.5%
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: 9004-70-0 Reg.nr.: no Reach No. availlable	nitrocellulose with water(not less than 25% water, by mass)	1-<2.5%
CAS: 25068-38-6	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight 700-1100	1-<2.5%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	1-<2.5%
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%
CAS: 162627-17-0 Reg.nr.: 01-2119970640-38-xxxx	Fatty Acids, C18-unsatd. dimers, reaction products with N,N- dimethyl-1,3- propanediamine and 1,3-propanediamine () Skin Sens. 1, H317	<i>≥</i> 0.1-<19

• Additional information: For the wording of the listed hazard phrases refer to section 16.

# **SECTION 4: First aid measures**

• 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

• After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

• 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.

(Contd. on page 4)

GB

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey

(Contd. of page 3)

#### **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.

#### **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**

#### · 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

#### 115-10-6 dimethyl ether

- WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm
- Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

#### 67-64-1 acetone

- WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm
  - Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

(Contd. on page 5)

GB

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey (Contd. of page 4) 67-63-0 propan-2-ol WEL Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm Long-term value: 999 mg/m<sup>3</sup>, 400 ppm 123-86-4 n-butyl acetate WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm Long-term value: 724 mg/m<sup>3</sup>, 150 ppm 1330-20-7 xylene, mixture of isomers WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm Long-term value: 220 mg/m<sup>3</sup>, 50 ppm Sk; BMGV 64-17-5 ethanol WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm 141-78-6 ethyl acetate WEL Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm Long-term value: 734 mg/m<sup>3</sup>, 200 ppm 108-65-6 2-methoxy-1-methylethyl acetate WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm Long-term value: 274 mg/m<sup>3</sup>, 50 ppm Sk 100-41-4 ethylbenzene WEL Short-term value: 552 mg/m<sup>3</sup>, 125 ppm Long-term value: 441 mg/m<sup>3</sup>, 100 ppm Sk 108-65-6 2-methoxy-1-methylethyl acetate WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm Long-term value: 274 mg/m<sup>3</sup>, 50 ppm Sk · Ingredients with biological limit values: 1330-20-7 xylene, mixture of isomers BMGV 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid • Additional information: The lists valid during the making were used as basis. · 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.

(Contd. on page 6)

GB

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey

(Contd. of page 5)

• 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:	Grey	
Odour:	Solvent-like	
Odour threshold:	Not determined.	
Melting point/freezing point:	Undetermined.	
Boiling point or initial boiling point and boiling		
range	-24.9 °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.	
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:	3,400 hPa (115-10-6 dimethyl ether)	
Density and/or relative density		
Relative density	0.882 g/ml	
Vapour density	Not determined.	

(Contd. on page 7)

GB

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey

	(Contd. of page
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health	th and
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.
Solvent content:	
Organic solvents:	80.0 %
-	With propellant gas. Content given by weight.
Water:	0.2 %
VOC (EU)	(<840g/l)
	79.96 %
Solids content:	18.7 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard of	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.

(Contd. on page 8)

GB

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

Trade name: Aerosol SOLL Epoxy Primer grey

(Contd. of page 7)

# **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 45,717 mg/kg (rabbit)

Inhalative LC50/4 h 203 mg/l

- · Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- · 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 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.

# **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.

on	
UN1950	
1950 AEROSOLS	
AEROSOLS	
	UN1950 1950 AEROSOLS

GB

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

Printing date 17.04.2024

Version number 1

Revision: 17.04.2024

	(Contd. of page
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
14.4 Packing group ADR, IMDG, IATA	Void
ADR, IMDO, IATA	not classified
14.5 Environmental hazards:	v
Marine pollutant:	No
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
	not classified
EMS Number: Stowage Code	F-D,S-U SW1 Protected from sources of heat.
Stowage Cour	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 C, Clear of living quarters.
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	<i>O</i> Not applicable.
	ποι αρριταυτε.
Transport/Additional information:	
ADR Limited augustities (LO)	IL
Limited quantities (LQ) Excepted quantities (EQ)	TL Code: E0
Excepted quantities (EQ)	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D

Printing date 17.04.2024

Version number 1

1L

Revision: 17.04.2024

(Contd. of page 9)

Listed

Trade name: Aerosol SOLL Epoxy Primer grey

· IMDG

· Limited quantities (LQ) · Excepted quantities (EQ)

*Code: E0 Not permitted as Excepted Quantity* 

· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

# **SECTION 15: Regulatory information**

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

· Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

#### · Regulated poisons

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
- 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):

Class	Share in %
Wasser	<1
NK	50-100

- 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

- H201 Explosive; mass explosion hazard.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

(Contd. on page 11)

\*

GB

Version number 1

Revision: 17.04.2024

# Trade name: Aerosol SOLL Epoxy Primer grey

Printing date 17.04.2024

	(Contd. of page 10)	
H332		
	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H412	Harmful to aquatic life with long lasting effects.	
EUH018	8 In use may form flammable/explosive vapour-air mixture.	
	6 Repeated exposure may cause skin dryness or cracking.	
	5 Contains epoxy constituents. May produce an allergic reaction.	
LUII20.	Contains choxy constructions. may produce an anergic reaction.	
· Departn	nent issuing SDS: Product safety department	
· Abbrevi	ations and acronyms:	
	cord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the	
	nal Carriage of Dangerous Goods by Road)	
	ternational Maritime Code for Dangerous Goods	
	ernational Air Transport Association	
	bally Harmonised System of Classification and Labelling of Chemicals	
	European Inventory of Existing Commercial Chemical Substances	
	European List of Notified Chemical Substances	
	mical Abstracts Service (division of the American Chemical Society) thal concentration, 50 percent	
	thal dose, 50 percent	
	sistent, Bioaccumulative and Toxic	
	y Persistent and very Bioaccumulative	
	te toxicity estimate values	
Expl. 1.1:	Explosives – Division 1.1	
	s 1A: Flammable gases – Category 1A	
	: Aerosols – Category 1	
	s – Category 3	
	s (Comp.): Gases under pressure – Compressed gas	
	. 2: Flammable liquids – Category 2 . 3: Flammable liquids – Category 3	
	. 5: Flammable liquids – Calegory 5 :. 4: Acute toxicity – Category 4	
	2: Skin corrosion/irritation – Category 2	
	2: Serious eye damage/eye irritation – Category 2	
	Skin Sens. 1: Skin sensitisation – Category 1	
STOT SE	3: Specific target organ toxicity (single exposure) – Category 3	
	2: Specific target organ toxicity (repeated exposure) – Category 2	
	1: Aspiration hazard – Category 1	
	hronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
• * Data o	compared to the previous version altered.	
	- GB	