

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM Al 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

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

1.1 Product identifier

Trade name : ALU-SCHWARZLACK Hell SM Al 4M9650

Product code : 000000000000014519
14519

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

Use of the Sub- : Coatings
stance/Mixture

1.3 Details of the supplier of the safety data sheet

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64 66, (Bürozeiten),
proszkowie@farbykabe.pl

1.4 Emergency telephone number

Switzerland: Poisoning emergencies: Tox Info Suisse, telephone: +41 (0)44/251 66 66 or 145 (only within Switzerland)
Germany: Poison Control Center Berlin: +49(0)30-19240
Austria: Poison Control Center AKA Vienna: +43(0)1/4064343
Poland: National Poison Information Center and Clinical Department of Toxicology: +48(42)6579900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable liquids, Category 2

H225: Highly flammable liquid and vapour.

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UK REACH Regulations SI 2019/758



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Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :



Signal word : Danger

Hazard statements :
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
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.

Precautionary statements :
Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
Response:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

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Hazardous components which must be listed on the label:

Reaktionsprodukt von Xylol und Ethylbenzol
ethyl acetate
Lösungsmittelnaphtha (Erdöl), leichte aromatische
n-butyl acetate

Additional Labelling

EUH208 Contains 4-morpholinecarbaldehyde.
May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Paint

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Reaktionsprodukt von Xylol und Ethylbenzol	Not Assigned 905-588-0	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304	>= 20 - < 30
ethyl acetate	141-78-6 205-500-4 607-022-00-5	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system)	>= 10 - < 20
Lösungsmittelnaphtha (Erdöl), leichte aromatische	64742-95-6	Flam. Liq. 3; H226 STOT SE 3; H335 (Respiratory system) STOT SE 3; H336 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 10 - < 20
n-butyl acetate	123-86-4	Flam. Liq. 3; H226	>= 1 - < 10

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UK REACH Regulations SI 2019/758



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Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

	204-658-1 607-025-00-1	STOT SE 3; H336 (Central nervous system)	
1-methoxy-2-propanol	107-98-2 203-539-1 603-064-00-3	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system)	$\geq 1 - < 10$
4-morpholinecarbaldehyde	4394-85-8 224-518-3	Skin Sens. 1; H317	$\geq 0,1 - < 1$
Substances with a workplace exposure limit :			
aluminium powder (stabilised)	7429-90-5 231-072-3 013-002-00-1	Flam. Sol. 1; H228	$\geq 1 - < 10$
silicon dioxide	7631-86-9 231-545-4		$\geq 1 - < 10$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

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May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
For safety reasons in case of fire, cans should be stored separately in closed containments.
Use a water spray to cool fully closed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



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Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
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7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethyl acetate	141-78-6	STEL	400 ppm 1.468 mg/m ³	GB EH40
		TWA	200 ppm 734 mg/m ³	GB EH40
		TWA	200 ppm 734 mg/m ³	2017/164/EU
	Further information: Indicative			
		STEL	400 ppm 1.468 mg/m ³	2017/164/EU
	Further information: Indicative			
n-butyl acetate	123-86-4	TWA	150 ppm 724 mg/m ³	GB EH40
		STEL	200 ppm 966 mg/m ³	GB EH40
		STEL	150 ppm 723 mg/m ³	2019/1831/EU
	Further information: Indicative			
		TWA	50 ppm 241 mg/m ³	2019/1831/EU
	Further information: Indicative			
aluminium powder (stabilised)	7429-90-5	TWA (inhalable dust)	10 mg/m ³	GB EH40
		TWA (Respirable dust)	4 mg/m ³	GB EH40
1-methoxy-2-propanol	107-98-2	STEL	150 ppm 560 mg/m ³	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	100 ppm 375 mg/m ³	GB EH40
	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	150 ppm 568 mg/m ³	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		TWA	100 ppm 375 mg/m ³	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version 1.2 Revision Date: 22.03.2023 SDS Number: 100000001289 Date of last issue: 16.03.2023
Date of first issue: 14.01.2023

silicon dioxide	7631-86-9	TWA (Respirable fraction)	0,1 mg/m3 (Silica)	GB EH40
	Further information: Capable of causing cancer and/or heritable genetic damage.			
		TWA (inhalable dust)	6 mg/m3 (Silica)	GB EH40
		TWA (Respirable dust)	2,4 mg/m3 (Silica)	GB EH40
		TWA (Respirable dust)	0,1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : pigmented

Odour : slight

Flash point : -6,0 °C
Method: Calculated value

Density : 0,978 g/cm3 (20 °C)

Solubility(ies)
Water solubility : insoluble

Viscosity
Viscosity, kinematic : > 20,5 mm2/s (40 °C)

9.2 Other information

No data available

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ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.
Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : Not applicable

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Product:

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

Acute oral toxicity : LD50 (Rat): 5.251 mg/kg

Acute inhalation toxicity : LC50 (Rat): 27,57 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Assessment: The component/mixture is moderately toxic after short term inhalation.

SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



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Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

Acute dermal toxicity : LD50 (Rabbit): 4.200 mg/kg

Assessment: The component/mixture is moderately toxic after single contact with skin.

ethyl acetate:

Acute oral toxicity : LD50 (Rat): 5.620 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 22,5 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): 20.000 mg/kg

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

Acute oral toxicity : LD50 (Rat): 3.492 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 3.160 mg/kg

n-butyl acetate:

Acute oral toxicity : LD50 (Rat): 10.760 mg/kg

Acute inhalation toxicity : LC50 (Rat): 23,4 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 14.112 mg/kg

1-methoxy-2-propanol:

Acute oral toxicity : LD50 (Rat): 4.016 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 25,8 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg

4-morpholinecarbaldehyde:

Acute oral toxicity : LD50 (Rat): > 7.360 mg/kg

Acute dermal toxicity : LD50 (Rat): > 18.400 mg/kg

aluminium powder (stabilised):

Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

silicon dioxide:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 58,8 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

Result : Irritating to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks : May cause irreversible eye damage.

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

Result : Irritating to eyes.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Product:

Remarks : Causes sensitisation.

Components:

4-morpholinecarbaldehyde:

Result : May cause sensitisation by skin contact.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

May cause drowsiness or dizziness.

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

Assessment : May cause respiratory irritation., May cause drowsiness or dizziness.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

Assessment : The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity

Not classified based on available information.

Components:

Reaktionsprodukt von Xylol und Ethylbenzol:

May be fatal if swallowed and enters airways.

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks : Solvents may degrease the skin.

SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

SECTION 12: Ecological information

12.1 Toxicity

Components:

ethyl acetate:

Toxicity to fish	: LC50 (Fish): 220 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia (water flea)): 165 mg/l Exposure time: 48 h

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

Toxicity to fish	: LC50 (Fish): 9,2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia (water flea)): 3,2 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: EC50 (algae): 2,6 mg/l Exposure time: 72 h

Ecotoxicology Assessment

Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.
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n-butyl acetate:

Toxicity to fish	: LC50 (Fish): 18 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia (water flea)): 44 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: EC50 (algae): 647,7 mg/l Exposure time: 72 h

1-methoxy-2-propanol:

Toxicity to fish	: LC50 (Fish): 6.812 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia (water flea)): 21.100 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	: EC50 (algae): > 100 mg/l Exposure time: 72 h

4-morpholinecarbaldehyde:

Toxicity to fish	: LC50 (Fish): > 500 mg/l
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SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



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Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): > 500 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (algae): 23.880 mg/l
plants Exposure time: 72 h

silicon dioxide:

Toxicity to fish : LC50 (Fish): > 10.000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): > 10.000 mg/l
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (algae): > 10.000 mg/l
plants Exposure time: 72 h

12.2 Persistence and degradability

Components:

ethyl acetate:

Biodegradability :
Result: Readily biodegradable.

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

Biodegradability :
Result: Readily biodegradable.

n-butyl acetate:

Biodegradability :
Result: Readily biodegradable.

1-methoxy-2-propanol:

Biodegradability :
Result: Readily biodegradable.

4-morpholinecarbaldehyde:

Biodegradability :
Result: Readily biodegradable.

silicon dioxide:

SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



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Biodegradability :
Result: Not biodegradable

12.3 Bioaccumulative potential

Components:

ethyl acetate:

Bioaccumulation : Bioconcentration factor (BCF): 30,00

Partition coefficient: n-octanol/water : log Pow: 0,680

Lösungsmittelnaphtha (Erdöl), leichte aromatische:

Partition coefficient: n-octanol/water : log Pow: 3,160

n-butyl acetate:

Bioaccumulation : Bioconcentration factor (BCF): 15,30

Partition coefficient: n-octanol/water : log Pow: 2,300

4-morpholinecarbaldehyde:

Bioaccumulation : Bioconcentration factor (BCF): < 1,90

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Product:

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

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ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

ADR	:	UN 1263
RID	:	UN 1263
IMDG	:	UN 1263
IATA	:	UN 1263

14.2 UN proper shipping name

ADR	:	PAINT
RID	:	PAINT
IMDG	:	PAINT
IATA	:	Paint

14.3 Transport hazard class(es)

ADR	:	3
RID	:	3
IMDG	:	3
IATA	:	3

14.4 Packing group

ADR	:	
Packing group	:	II
Classification Code	:	F1
Hazard Identification Number	:	33
Labels	:	3
Tunnel restriction code	:	(D/E)
Remarks	:	Special Provision 640C

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

RID

Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3

IMDG

Packing group : II
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)

Packing instruction (cargo aircraft) : 364
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

IATA (Passenger)

Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

14.5 Environmental hazards

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Conditions of restriction for the following entries should be considered:
Number on list 3

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

Reaktionsprodukt von Xylol und
Ethylbenzol (Number on list 3)
ethyl acetate (Number on list 3)
Lösungsmittelnaphtha (Erdöl), leicht
aromatische (Number on list 3)
n-butyl acetate (Number on list 3)
1-methoxy-2-propanol (Number on
list 3)
2-methoxy-1-methylethyl acetate
(Number on list 3)
4-hydroxy-4-methylpentan-2-one
(Number on list 3)
Solvent naphtha (petroleum), heavy
arom.; Kerosine — unspecified
(Number on list 3)
2-methylpropan-1-ol (Number on list
3)
butan-1-ol (Number on list 3)
xylene (Number on list 3)
benzene (Number on list 72, 5, 3,
29, 28)
2-methoxypropanol (Number on list
30, 3)
ethylbenzene (Number on list 3)
2-methoxypropyl acetate (Number
on list 30, 3)

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation : Reaktionsprodukt von Xylol und
Ethylbenzol
ethyl acetate
Lösungsmittelnaphtha (Erdöl), leicht
aromatische
n-butyl acetate
1-methoxy-2-propanol
4-morpholinecarbaldehyde

P5c

Control of Major Accident Hazards Regulations 2015 (COMAH) P5c FLAMMABLE LIQUIDS

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

Volatile organic compounds : 65,6 %

The components of this product are reported in the following inventories:

TCSI	: Not in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: Not in compliance with the inventory
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.

Reaktionsprodukt von Xylol und Ethylbenzol
Acrylatpolymer
Lösungsmittelnaphtha (Erdöl), leichte aromatische
Harnstoffderivat
Harnstoff-Formaldehydharz
Quaternary ammonium compounds, benzyl(hydrogenated
tallow alkyl)dimethyl, stearates, salts with bentonite
Castor oil, hydrogenated
Polyaminamidsalz
Copolymer mit pigmentaffinen Gruppen

ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: Not in compliance with the inventory
NZIoC	: Not in compliance with the inventory
TECI	: Not in compliance with the inventory

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H225	: Highly flammable liquid and vapour.
H226	: Flammable liquid and vapour.
H228	: Flammable solid.
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.

SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by
UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
1.2	22.03.2023	100000001289	Date of first issue: 14.01.2023

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.
H411	: Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Eye Irrit.	: Eye irritation
Flam. Liq.	: Flammable liquids
Flam. Sol.	: Flammable solids
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2000/39/EC	: Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2004/37/EC	: Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
2017/164/EU	: Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
2019/1831/EU	: Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
2000/39/EC / TWA	: Limit Value - eight hours
2000/39/EC / STEL	: Short term exposure limit
2004/37/EC / TWA	: Long term exposure limit
2017/164/EU / STEL	: Short term exposure limit
2017/164/EU / TWA	: Limit Value - eight hours
2019/1831/EU / TWA	: Limit Value - eight hours
2019/1831/EU / STEL	: Short term exposure limit
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization;

SAFETY DATA SHEET

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UK REACH Regulations SI 2019/758



ALU-SCHWARZLACK Hell SM AI 4M9650

Version	Revision Date:	SDS Number:	Date of last issue: 16.03.2023
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KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H335
STOT SE 3	H336
STOT RE 2	H373
Aquatic Chronic 3	H412

Classification procedure:

Based on product data or assessment
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / 6N