

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

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

#### 1.1 Product identifier

Trade name	<b>Silver Primer Szybki Lakier SBS</b>
Registration number (REACH)	Not relevant
Unique formula identifier(UFI)	WKRA-RA8Y-TF4T-Q49X

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

<b>Relevant identified uses</b>	Asphalt lacquer for renovation of roof coverings and metal sheet flashing For coatings in construction
<b>Uses advised against</b>	Not determined

#### 1.3 Details of the supplier of the safety data sheet

BMI Icopal Sp. z o.o.  
Ul. Łaska 169/197  
98-220 Zduńska Wola  
Poland

Telephone: +48 / 043 823 41 11  
e-mail: kch.pl@bmigroup.com  
Website: www.icopal.pl

#### 1.4 Emergency telephone number

Emergency information service	National Poisons Information Service (NPIS) In England and Wales: NHS 111 - dial 111 In Scotland: NHS 24 - dial 111 In N Ireland: Contact your local GP or pharmacist during normal hours (www.gpoutofhours.hscni.net/) for GP services Outof-Hours. In Republic of Ireland: 01 809 2166
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 (CLP)**

Section	Hazard class	Category	Hazard class and category	Hazard statement
2.6	Flammable liquid	3	Flam. Liq. 3	H226
3.11	Acute toxicity (inhal.)	4	Acute Tox. 4	H332
3.2	Skin corrosion/irritation	2	Skin Irrit. 2	H315
3.3	Serious eye damage/eye irritation	2	Eye Irrit. 2	H319
3.8R	Specific target organ toxicity - single exposure (respiratory tract irritation)	3	STOT SE 3	H335
3.9	Specific target organ toxicity - repeated exposure	2	STOT RE 2	H373
4.1C	Hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of abbreviations: see SECTION 16

#### **The most important adverse physicochemical, human health and environmental effects**

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources. Spillage and fire water can cause pollution of watercourses.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 (CLP)**

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

**Signal word** WARNING

**Pictograms**

GHS02, GHS07,  
GHS08



**Hazard statements**

- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H373 May cause damage to organs (hearing organs) through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe mist/vapours/spray.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a POISON CENTER or doctor if you feel unwell.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents / container to an approved waste disposal.

**Supplemental hazard information**

**EUH066** Repeated exposure may cause skin dryness or cracking.

**Hazardous ingredients for labelling**

Xylene  
Ethylbenzene

**2.3 Other hazards**

There is no additional information.

**Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

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

**3.1 Substances**

not relevant (mixture)

**3.2 Mixtures**

Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
Xylene	CAS No 1330-20-7  EC No 215-535-7  Index No 601-022-00-9  REACH Reg. No 01-2119488216-32-xxxx	25 – < 50	Flam. Liq. 3 / H226 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 STOT SE 3 / H335 STOT RE 2 / H373 Asp. Tox. 1 / H304 Aquatic Chronic 3 / H412	IOELV

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
Asphalt, oxidized	CAS No 64742-93-4  EC No 265-196-4  REACH Reg. No 01-2119498270-36-xxxx	10 - < 25	not classified	OEL
ethylbenzene	CAS No 100-41-4  EC No 202-849-4  Index No 601-023-00-4  REACH Reg. No 01-2119489370-35	10 - < 25	Flam. Liq. 2 / H225 Acute Tox. 4 / H332 STOT RE 2 / H373 Asp. Tox. 1 / H304	GHS-HC IOELV
Aluminium, powder stabilized	CAS No 7429-90-5  EC No 231-072-3  REACH Reg. No 01-2119529243-45-xxxx	10 - < 25	Flam. Sol. 1 / H228 Water-react. 2 / H261	OEL T
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS No 64742-48-9 1174522-20-3  EC No 919-857-5  REACH Reg. No 01-2119463258-33-xxxx	5 - < 10	Flam. Liq. 3 / H226 STOT SE 3 / H336 Asp. Tox. 1 / H304 EUH066	OEL

### Notes

GHS-HC: Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

IOELV: Substance with a community indicative occupational exposure limit value

OEL: Substance with a national occupational exposure limit value

T: This substance may be marketed in a form which does not have the physical hazards as indicated by The classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet.

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
Xylene	-	-	1,100 mg/kg 11 mg/4h	dermal inhalation: vapour
ethylbenzene	-	-	11 mg/4h	inhalation: vapour

For full text of abbreviations: see SECTION 16

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

##### Following skin contact

Take off contaminated clothing. Remove the residues of the product with liquid paraffin or edible oil. Wash skin with water and soap or mild detergent. Remove contaminated/soaked clothes to safe place away from heat and sources of ignition.

##### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice immediately.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Conscious victim can drink 100-200 ml of liquid paraffin. Do not give milk or edible oils to drink. Do NOT induce vomiting. Get immediate medical advice/attention.

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

Narcotic effects. Description of known symptoms following exposure, if relevant - see section 11.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Fire extinguishing powder. Sand.

##### Unsuitable extinguishing media

Water jet. Water. Water spray. Foam.

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

Flammable. Do not use water jets - the risk of splash. Closed containers exposed to fire or high temperature can explode due to increased pressure inside. Cool closed containers exposed to fire with water spray. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Ingredients of the mixture may react with water giving off hydrogen. Hot product may adhere to skin or clothes.

##### Hazardous combustion products

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), sulphur oxides (SO<sub>x</sub>), fumes

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Fire fighting crew should be adequately trained and equipped with self-contained breathing apparatus and full protective clothing. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### SECTION 6: Accidental release measures

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

Do not breathe vapours. Stop the leak if possible and safe to do so (seal, close the liquid isolation valve, put the leaking or damaged container to emergency container). Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. The solvent contained in the mixture evaporates easily. Ensure adequate ventilation. Eliminate all sources of ignition. Vapors of the solvent are heavier than air, they can form an explosive mixture with air. Vapors may spread along the floor and reach distant ignition sources.

##### For non-emergency personnel

Remove persons to safety. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

##### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. If substance has entered a water course or sewer, inform the responsible authority. Retain contaminated washing water and dispose of it. Collect contaminated soil and dispose of it.

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

##### Advice on how to contain a spill

Bunding. Covering of drains.

##### Advice on how to clean up a spill

do not flush with water

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Use mechanical handling equipment

collect to labelled, closed waste container and remove for disposal

##### Appropriate containment techniques

Use of adsorbent materials.

##### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks. Control spills and residues, destroying them with safe methods (section 6). Containers which were opened must be carefully closed and kept upright to prevent leakage.

##### Recommendations

##### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Use only non-sparking tools.

##### Specific notes/details

Vapours may form explosive mixtures with air.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

#### Managing of associated risks

##### Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep only in the original container. Keep cool. Protect from sunlight.

##### Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight. Ensure easy access to fire fighting measures in the place of use and storage.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Ceiling-C [ppm]	Ceiling-C [mg/m <sup>3</sup> ]	Notation	Source
EU	ethylbenzene	100-41-4	IOEL V	100	442	200	884				2000/39/EC
EU	xylene	1330-20-7	IOEL V	50	221	100	442				2000/39/EC
GB	Asphalt, petroleum		WEL		5		10			fume	
GB	hydrocarbon mixture (RCP method)		WEL		250		500				EH40/2005
GB	ethylbenzene	100-41-4	WEL	100	441	125	552				EH40/2005
GB	xylene, mixture of isomers	1330-20-7	WEL	50	220	100	441				EH40/2005
GB	aluminium	7429-90-5	WEL		10					i	EH40/2005
GB	aluminium	7429-90-5	WEL		4					r	EH40/2005

#### Notation

Ceiling-C	Ceiling value is a limit value above which exposure should not occur
fume	As fume
i	Inhalable fraction
r	Respirable fraction
STEL	Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Biological limit values						
Country	Name of agent	Parameter	Notation	Identifier	Value	Source
GB	xylene, mixture of isomers	methylhippuric acids	crea	BMGV	650 mmol/mol	EH40/2005

**Notation**

crea      Creatinine

Relevant DNELs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Xylene	1330-20-7	DNEL	221 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Xylene	1330-20-7	DNEL	442 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - systemic effects
Xylene	1330-20-7	DNEL	221 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Xylene	1330-20-7	DNEL	442 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	acute - local effects
Xylene	1330-20-7	DNEL	212 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Asphalt, oxidized	64742-93-4	DNEL	2.9 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - local effects
Aluminium, powder stabilized	7429-90-5	DNEL	3.72 mg/cm <sup>3</sup>	human, oral	worker (industry)	chronic - local effects
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	DNEL	1,500 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	DNEL	300 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Xylene	1330-20-7	PNEC	0.327 mg/l	aquatic organisms	freshwater	short-term (single instance)
Xylene	1330-20-7	PNEC	0.327 mg/l	aquatic organisms	marine water	short-term (single instance)
Xylene	1330-20-7	PNEC	6.58 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Xylene	1330-20-7	PNEC	12.46 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Xylene	1330-20-7	PNEC	12.46 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Xylene	1330-20-7	PNEC	2.31 mg/kg	terrestrial organisms	soil	short-term (single instance)

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Relevant PNECs of components of the mixture						
Name of substance	CAS No	End-point	Threshold level	Organism	Environmental compartment	Exposure time
Aluminium, powder stabilized	7429-90-5	PNEC	20 mg/cm <sup>3</sup>	not specified	sewage treatment plant (STP)	not specified

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

##### Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. Protective gloves should be replaced immediately if damaged or in case of signs of wear. Selection of the glove material penetration times, rates of diffusion and degradation, refer to the manufacturer's instructions.

##### Type of material

IIR: isobutene-isoprene (butyl) rubber. Nitrile. Neoprene.

##### Material thickness

>0,3 mm

##### Breakthrough times of the glove material

>240 minutes (permeation: level 5)

##### Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling. Chemical protection suit.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Full face mask/half mask/quarter mask (EN 136/140). Type: A (against organic gases and vapours with a boiling point of > 65 °C, colour code: Brown).

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid Viscous
Colour	Black - Silver after stirring
Odour	Mild - Characteristic for organics
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	>130 °C
Flammability	flammable liquid in accordance with GHS criteria



## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

<b>Lower and upper explosion limit</b>	7.1 g/m <sup>3</sup> / 0.6 vol% (For xylenes)
<b>Flash point</b>	>31 °C at 1,013 hPa
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not relevant
<b>PH (value)</b>	Not determined
<b>Kinematic viscosity</b>	>550 mm <sup>2</sup> /s at 25 °C
<b>Solubility(ies)</b>	Not determined

### Partition coefficient

<b>Partition coefficient n-octanol/water (log value)</b>	This information is not available
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<b>Vapour pressure</b>	Not determined
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### Density and/or relative density

<b>Density</b>	Not determined
<b>Relative vapour density</b>	information on this property is not available
<b>Relative density</b>	0.97 – 1 at 20 °C (water = 1)

<b>Particle characteristics</b>	Not relevant Liquid
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### 9.2 Other information

<b>Information with regard to physical hazard classes</b>	Hazard classes acc. to GHS (Physical hazards): Category 3: flammable liquid
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### Other safety characteristics

<b>Temperature class (EU, acc. to ATEX)</b>	T3 Maximum permissible surface temperature on the equipment: 200 °C
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## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

##### If heated

Risk of ignition.

#### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from moisture.

#### 10.5 Incompatible materials

oxidisers, strong acids, strong bases, azo and hydrazoic compounds, halogenated organic compounds

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification according to GHS (1272/2008/EC, CLP)

##### Acute toxicity

Harmful if inhaled.

##### Acute toxicity estimate (ATE)

Inhalation: vapour 17.6 mg/l/4h

Acute toxicity of components of the mixture					
Name of substance	CAS No	Exposure route	Endpoint	Value	Species
Xylene	1330-20-7	oral	LD50	3,523 mg/kg	rat
Xylene	1330-20-7	dermal	LD50	5,627 mg/kg	mouse
Xylene	1330-20-7	inhalation: vapour	LC50	>20 mg/l/4h	rat
Asphalt, oxidized	64742-93-4	oral	LD50	>5,000 mg/kg	rat
Asphalt, oxidized	64742-93-4	dermal	LD50	>2,000 mg/kg	rabbit
Asphalt, oxidized	64742-93-4	inhalation: vapour	LC50	>94.4 mg/m <sup>3</sup> /4h	rat
Aluminium, powder stabilized	7429-90-5	oral	LD50	>15,900 mg/kg	rat
Aluminium, powder stabilized	7429-90-5	inhalation: dust/mist	LC50	>0.888 mg/l/4h	rat

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Acute toxicity of components of the mixture					
Name of substance	CAS No	Exposure route	Endpoint	Value	Species
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	oral	LD50	>5,000 mg/kg	rat
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	inhalation: vapour	LC50	>9,300 mg/m <sup>3</sup> /4h	rat
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	inhalation: dust/mist	LC50	6,100 mg/m <sup>3</sup> /4h	rat
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	dermal	LD50	>2,000 mg/kg	rat

### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

May cause respiratory irritation.

### Specific target organ toxicity - repeated exposure

May cause damage to organs (hearing organs) through prolonged or repeated exposure.

Hazard category	Target organ	Exposure route
2	hearing organs	if exposed

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### Symptoms related to the physical, chemical and toxicological characteristics

#### If swallowed

Abdominal pain. Nausea.

#### If in eyes

If splashed into an eye it may cause mechanical irritation of the cornea. Conjunctival suffusion.

#### If inhaled

Inhalation of vapours may cause respiratory irritation. In case of prolonged exposure narcotic effects are possible. Psychomotor agitation. Severe headache. Vertigo. Nausea. Narcosis. Deficits in perception and coordination, reaction time, or sleepiness. Chronic effects: damage to the central nervous system.

#### If on skin

Localised redness. Irritation. Scaling. Has degreasing effect on the skin. Repeated exposure may cause skin dryness or cracking.

#### Other information

Repeated exposure may cause skin dryness or cracking.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life with long lasting effects.

#### Aquatic toxicity (acute)

Test data are not available for the complete mixture.

#### Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Xylene	1330-20-7	LC50	8.4 mg/l	fish	96 h
Xylene	1330-20-7	EC50	4.9 mg/l	algae	72 h
Xylene	1330-20-7	ErC50	4.7 mg/l	algae	72 h
Asphalt, oxidized	64742-93-4	LL50	>1,000 mg/l	rainbow trout	96 h
Asphalt, oxidized	64742-93-4	EL50	>1,000 mg/l	algae	72 h
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	LL50	>1,000 mg/l	fish	48 h
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	EL50	>1,000 mg/l	aquatic invertebrates	48 h

#### Aquatic toxicity (chronic)

Test data are not available for the complete mixture.

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Xylene	1330-20-7	EL50	2.9 mg/l	aquatic invertebrates	21 d
Xylene	1330-20-7	ErC50	4.36 mg/l	algae	73 h
Xylene	1330-20-7	EC50	2.2 mg/l	algae	73 h
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	LL50	>1,000 mg/l	fish	24 h
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	EL50	>1,000 mg/l	aquatic invertebrates	24 h

#### Biodegradation

Asphalt: no data available - UVCB substance.  
Xylenes: the substance is readily biodegradable

### 12.2 Persistence and degradability

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Degradability of components of the mixture					
Name of substance	CAS No	Process	Degradation rate	Time	Notes
Xylene	1330-20-7	biotic/abiotic	90 %	28 d	
Asphalt, oxidized	64742-93-4	biotic/abiotic		d	hydrolysis - not relevant, photolysis - not relevant
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	biotic/abiotic	80 %	28 d	biodegradation in water
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9 1174522-20-3	biotic/abiotic	>60 %	60 d	biodegradation in soil

Persistence of components of the mixture				
Name of substance	CAS No	Environmental compartment	Half-life	Notes
Xylene	1330-20-7	soil	23 d	

### 12.3 Bioaccumulative potential

Bioaccumulation is not expected.

Bioaccumulative potential of components of the mixture				
Name of substance	CAS No	BCF	Log KOW	BOD5/COD
Xylene	1330-20-7	>5.5 - <12.2	3.12 - 3.2 (pH value: 7, 20 °C)	

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

None of the ingredients are listed.

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste should be recovered or disposed of in authorized incineration plants or waste facilities in accordance with applicable regulations.

#### Waste treatment-relevant information

Do not store at landfill sites. Recommended way of disposal: incineration in special waste incinerators.

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b>	
ADR/RID/ADN	UN 1139
IMDG-Code	UN 1139
ICAO-TI	UN 1139
<b>14.2 UN proper shipping name</b>	
ADR/RID/ADN	COATING SOLUTION
IMDG-Code	COATING SOLUTION
ICAO-TI	Coating solution
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN	3
IMDG-Code	3
ICAO-TI	3
<b>14.4 Packing group</b>	
ADR/RID/ADN	III
IMDG-Code	III
ICAO-TI	III
<b>14.5 Environmental hazards</b>	Non-environmentally hazardous acc. to the dangerous goods regulations
<b>14.6 Special precautions for user</b>	Provisions for dangerous goods (ADR) should be complied within the premises.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)Additional information**

Classification code	F1
Danger label(s)	3



Excepted quantities (EQ)	E1
Limited quantities (LQ)	5 L
Transport category (TC)	3
Tunnel restriction code (TRC)	D/E
Hazard identification No	30
Emergency Action Code	3Y

### Remarks

The product meets the requirements set up in 2.2.3.1.5 of ADR and RID agreements in terms of physiochemical properties and therefore, if packed in receptacles of not more than 450 litre capacity, are not a subject to ADR or RID.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### International Maritime Dangerous Goods Code (IMDG) Additional information

**Marine pollutant** -  
**Danger label(s)** 3



**Special provisions (SP)** 955  
**Excepted quantities (EQ)** E1  
**Limited quantities (LQ)** 5 L  
**EmS** F-E, S-E  
**Stowage category** A

### International Civil Aviation Organization (ICAO-IATA/DGR) Additional information

**Danger label(s)** 3



**Special provisions (SP)** A3  
**Excepted quantities (EQ)** E1  
**Limited quantities (LQ)** 10 L

## SECTION 15: Regulatory information

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

**Relevant provisions of the European Union (EU)**

**Restrictions according to REACH, Annex XVII:**

the product and listed ingredients are subject to the following restrictions, according to REACH Annex XVII. None of these restrictions are applicable for the identified use of the product

Dangerous substances with restrictions (REACH, Annex XVII)		
Name of substance	Name acc. to inventory	No
Silver Primer Szybki Lakier SBS	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	3
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	flammable / pyrophoric	40
Aluminium, powder stabilized	flammable / pyrophoric	40
ethylbenzene	flammable / pyrophoric	40
Xylene	flammable / pyrophoric	40

**List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list**

none of the ingredients are listed

**Limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products (2004/42/EC, Deco-Paint Directive)**

**VOC content** 420,50 g/l

VOC: organic compound having an initial boiling point less than or equal to 250 °C measured at a standard pressure of 101,3 kPa.

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

### Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

Pollutant release and transfer registers (PRTR)		
Name of substance	CAS No	Remarks
ethylbenzene	100-41-4	(11)
Xylene	1330-20-7	(17) (11)

#### Legend

- (11) Single pollutants are to be reported if the threshold for BTEX (the sum parameter of benzene, toluene, ethyl benzene, xylenes) is exceeded  
(17) Total mass of xylene (ortho-xylene, meta-xylene, para-xylene)

### Water Framework Directive (WFD)

List of pollutants (WFD)			
Name of substance	CAS No	Listed in	Remarks
Aluminium, powder stabilized		A)	

#### Legend

- A) Indicative list of the main pollutants

### Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

## 15.2 Chemical Safety Assessment

The Chemical Safety Assessment is not required for the mixture.

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.1	Unique formula identifier (UFI): E1QA-MAUU-9F4V-TYTS		yes
2.1	Supplemental hazard information		yes
2.1		Supplemental hazard information: change in the listing (table)	yes
3.2		Mixtures: change in the listing (table)	yes
8.1		Occupational exposure limit values (Workplace Exposure Limits): change in the listing (table)	yes
8.1	Biological limit values		yes
8.1	• relevant PNECs of components of the mixture		yes
8.1		Relevant DNELs of components of the mixture: change in the listing (table)	yes
8.1		Relevant PNECs of components of the mixture: change in the listing (table)	yes



## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
11.1	Acute toxicity: Shall not be classified as acutely toxic.	Acute toxicity: Harmful if inhaled.	yes
11.1		Acute toxicity estimate (ATE): change in the listing (table)	yes
14.7	Emergency Action Code: 3Y		yes
14.7		Emergency Action Code: 3Y	yes

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
2000/39/EC	Commission Directive establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC
Acute Tox.	Acute toxicity
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EH40/2005	EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms
ELINCS	European List of Notified Chemical Substances

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Abbr.	Descriptions of used abbreviations
EmS	Emergency Schedule
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
Flam. Sol.	Flammable solid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
log KOW	n-Octanol/water
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
RCP	Reciprocal calculation procedure
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TWA	Time-weighted average

## Silver Primer Szybki Lakier SBS

version number: GHS 4.0  
replaces version of: 2020-11-27 GHS 3

revision: 2021-11-10

Abbr.	Descriptions of used abbreviations
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative
Water-react.	Material which, in contact with water, emits flammable gases
WEL	Workplace exposure limit

### Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties. The classification is based on tested mixture.

Health hazards. Environmental hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gases.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs (hearing organs) through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.