



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Siplast Dach Szybka Izolacja SBS

Version number: GHS 1.0

Date of compilation: 2018-02-21

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

1.1 Product identifier

Trade name

Siplast Dach Szybka Izolacja SBS

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

Relevant identified uses

In construction for obtaining elastic waterproof coatings.

Cold maintenance of asphalt roof coverage.

Uses advised against

not determined

1.3 Details of the supplier of the safety data sheet

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

Telephone: +48 / 043 823 41 11

e-mail: kch.pl@icopal.com

Website: www.icopal.pl

1.4 Emergency telephone number

Emergency information service

National Poisons Information Service (NPIS): For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)

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 | Cat. 3 | (Flam. Liq. 3) | H226 |
| 3.2 | skin corrosion/irritation | Cat. 2 | (Skin Irrit. 2) | H315 |
| 3.3 | serious eye damage/eye irritation | Cat. 2 | (Eye Irrit. 2) | H319 |
| 3.8R | specific target organ toxicity - single exposure (respiratory tract irritation) | Cat. 3 | (STOT SE 3) | H335 |
| 3.9 | specific target organ toxicity - repeated exposure | Cat. 2 | (STOT RE 2) | H373 |
| 4.1C | hazardous to the aquatic environment - chronic hazard | Cat. 3 | (Aquatic Chronic 3) | H412 |

Remarks

For full text of H-phrases: 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.

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2.2 Label elements

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

Signal word

Warning

Pictograms

GHS02, GHS07,
GHS08



Hazard statements

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

Precautionary statements

Precautionary statements - prevention

| | |
|------|------------------------------------------------------------------------------------------------|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe vapours/spray. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing. |

Precautionary statements - response

| | |
|-----------|--------------------------------------------------------------------------------------------------|
| P304+P340 | IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. |
| P312 | Call a POISON CENTER or doctor if you feel unwell. |

Precautionary statements - disposal

| | |
|------|----------------------------------------------------------------|
| P501 | Dispose of contents / container to an approved waste disposal. |
|------|----------------------------------------------------------------|

Hazardous ingredients for labelling: Xylene

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Name of substance | Identifier | wt% | Classification acc. to 1272/2008/EC | Notes |
|-------------------|---------------------------------------------------------------------------------------------|-----------|-------------------------------------|-------|
| Asphalt | CAS No 8052-42-4 EC No 232-490-9 REACH Reg. No 01-2119480172-44-xxxx | 50 - < 75 | not classified | OEL |



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| Name of substance | Identifier | wt% | Classification acc. to 1272/2008/EC | Notes |
|-------------------|---------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Xylene | CAS No 1330-20-7 EC No 215-535-7 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 |
| ethylbenzene | CAS No 100-41-4 EC No 202-849-4 Index No 601-023-00-4 | 10 - < 25 | Flam. Liq. 2 / H225 Acute Tox. 4 / H332 | IOELV |

Notes

IOELV: Substance with a community indicative occupational exposure limit value
OEL: Substance with the national occupational exposure limit values

For full text of abbreviations: see SECTION 16.

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

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. 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

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. 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. In case of spontaneous vomiting the victim should lean forward to prevent aspiration. Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

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



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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

water spray, water mist, foam, fire extinguishing powder, carbon dioxide (CO₂), sand

Unsuitable extinguishing media

water jet

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. Hot product may adhere to skin or clothes.

Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO₂), fumes

5.3 Advice for firefighters

Fire fighting crew should be adequately trained and equipped with self-contained breathing apparatus and full protective clothing. Fight fire with normal precautions from a reasonable distance. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Do not breathe vapours. Wear protective 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.

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. Collect contaminated soil and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Bunding. Covering of drains.

Advices on how to clean up a spill

Do not flush with water. Cover with non-combustible absorbent material. (kieselgur (diatomite), sand, vermiculite. universal binder). Collect to labelled, closed waste container and remove for disposal.

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

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.



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

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

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

• Warning

Vapours may form explosive mixtures with air.

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

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed. Protect from sunlight.

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

7.3 Specific end use(s)

Data are not available.

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 ³] | STEL [ppm] | STEL [mg/m ³] | Source |
|---------|----------------------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-------------|
| EU | ethylbenzene | 100-41-4 | IOELV | 100 | 442 | 200 | 884 | 2017/164/EU |
| EU | xylene | 1330-20-7 | IOELV | 50 | 221 | 100 | 442 | 2017/164/EU |
| UK | 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 | asphalt (petroleum) | 8052-42-4 | WEL | | | | 10 | EH40/2005 |

Notation

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

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Relevant DNELs/DMELs/PNECs and other threshold levels

• 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 |
|-------------------|-----------|-----------|-----------------------|------------------------------------|-------------------|----------------------------|
| Asphalt | 8052-42-4 | DNEL | 2.9 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| Xylene | 1330-20-7 | DNEL | 221 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Xylene | 1330-20-7 | DNEL | 442 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| Xylene | 1330-20-7 | DNEL | 221 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| Xylene | 1330-20-7 | DNEL | 442 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| Xylene | 1330-20-7 | DNEL | 212 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) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

if there is a risk of splash wear eye/face protection.

Skin protection



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- **hand protection**

Wear suitable gloves. Protective gloves should be replaced immediately if damaged or in case of signs of wear.

- **type of material**

IIR: isobutene-isoprene (butyl) rubber, Nitrile, Viton, Neoprene

- **other protection measures**

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

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

Appearance

| | |
|----------------|-----------------------------------|
| Physical state | liquid (semi-liquid consistency) |
| Colour | black |
| Odour | weak, characteristic for organics |

Other physical and chemical parameters

| | |
|-----------------------------------------|-----------------------------------|
| pH (value) | not determined |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | >130 °C at 101.3 kPa |
| Flash point | >31 °C (closed cup) |
| Evaporation rate | not determined |
| Flammability (solid, gas) | not relevant |
| Vapour pressure | not determined |
| Density | not determined |
| Relative density | 0.98 – 0.99 at 20 °C (water = 1) |
| Solubility(ies) | Petroleum solvents |
| Water solubility | insoluble |
| Partition coefficient | |
| n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature | not determined |
| Viscosity | |
| • kinematic viscosity | 800 mm ² /s at 25 °C |
| Explosive properties | none (not one) |
| Oxidising properties | none (not one) |

9.2 Other information

Data are lacking.



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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.

10.5 Incompatible materials

strong oxidisers - strong acids - strong bases

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 toxicological effects

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

Shall not be classified as acutely toxic.

- **Acute toxicity of components of the mixture**

| Name of substance | CAS No | Exposure route | Endpoint | Value | Species |
|-------------------|-----------|--------------------|----------|-----------------------------|---------|
| Asphalt | 8052-42-4 | oral | LD50 | >5,000 mg/kg | rat |
| Asphalt | 8052-42-4 | dermal | LD50 | >2,000 mg/kg | rabbit |
| Asphalt | 8052-42-4 | inhalation: vapour | LC50 | >94.4 mg/m ³ /4h | rat |
| 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 |
| ethylbenzene | 100-41-4 | oral | LD50 | 3,500 mg/kg | rat |



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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.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Specific target organ toxicity (STOT)

• Specific target organ toxicity - single exposure

May cause respiratory irritation.

• Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

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

irritation, conjunctival suffusion, burning, tearing, if splashed into an eye it may cause mechanical irritation of the cornea

• 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, loss of consciousness. , chronic effects: damages of central nervous system

• If on skin

localised redness, irritation, scaling, has degreasing effect on the skin, repeated exposure may cause skin dryness or cracking

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 |
|-------------------|-----------|----------|-------------|-------------------------------------|---------------|
| Asphalt | 8052-42-4 | LL50 | >1,000 mg/l | rainbow trout (Oncorhynchus mykiss) | 96 h |
| Asphalt | 8052-42-4 | EL50 | >1,000 mg/l | algae | 72 h |
| 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 |



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Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

Aquatic toxicity (chronic) of components of the mixture

| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
|-------------------|-----------|----------|-------------|-------------------------------------|---------------|
| Asphalt | 8052-42-4 | NOAEL | >1,000 mg/l | daphnia magna | 21 d |
| Asphalt | 8052-42-4 | NOEC | >1,000 mg/l | rainbow trout (Oncorhynchus mykiss) | 28 d |
| 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 |
| Xylene | 1330-20-7 | NOEC | >1.3 mg/l | fish | 56 d |
| Xylene | 1330-20-7 | LOEC | 3.16 mg/l | aquatic invertebrates | 21 d |

Biodegradation

Xylene: the substance is readily biodegradable

Asphalt: no data available - UVCB substance

12.2 Persistence and degradability

Degradability of components of the mixture

| Name of substance | CAS No | Process | Degradation rate | Time | Notes |
|-------------------|-----------|----------------|------------------|------|------------------------------------------------------|
| Asphalt | 8052-42-4 | biotic/abiotic | | d | hydrolysis - not relevant, photolysis - not relevant |
| Xylene | 1330-20-7 | biotic/abiotic | 50 % | 23 d | halflife in soil |

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

| Name of substance | CAS No | BCF | Log KOW |
|-------------------|-----------|--------------|---------------------------------|
| 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

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



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12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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.

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

| | | |
|------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 14.1 | UN number | 1139 |
| 14.2 | UN proper shipping name | COATING SOLUTION |
| 14.3 | Transport hazard class(es) Class | 3 (flammable liquids) |
| 14.4 | Packing group | III (substance presenting low danger) |
| 14.5 | Environmental hazards | none (not one) (non-environmentally hazardous acc. to the dangerous goods regulations) |
| 14.6 | Special precautions for user Provisions for dangerous goods (ADR) should be complied within the premises. | |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code 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)

| | |
|----------------------|------------------|
| UN number | 1139 |
| Proper shipping name | COATING SOLUTION |
| Class | 3 |
| Classification code | F1 |
| Packing group | III |
| Danger label(s) | 3 |



| | |
|-------------------------------|-----|
| Excepted quantities (EQ) | E1 |
| Limited quantities (LQ) | 5 L |
| Transport category (TC) | 3 |
| Tunnel restriction code (TRC) | D/E |

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Hazard identification No 30
Emergency Action Code 3YE

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.

• **International Maritime Dangerous Goods Code (IMDG)**

UN number 1263
 Proper shipping name PAINT RELATED MATERIAL
 Class 3
 Packing group III
 Danger label(s) 3



Special provisions (SP) 163, 223, 367, 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)**

UN number 1263
 Proper shipping name Paint related material
 Class 3
 Packing group III
 Danger label(s) 3



Special provisions (SP) A3, A72, A192
 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**

None of the ingredients are listed.



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• List of substances subject to authorisation (REACH, Annex XIV)

None of the ingredients are listed.

• SVHC substances included in the Candidate List according to article 59 p. 10 of REACH

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 360,7 g/l

15.2 Chemical Safety Assessment

The Chemical Safety Assessment is not required for the mixture.

SECTION 16: Other information

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017/164/EU | Commission Directive establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU |
| 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 européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard |
| Asp. Tox. | Aspiration hazard |
| BCF | Bioconcentration factor |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| CMR | Carcinogenic, Mutagenic or toxic for Reproduction |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No-Effect Level |
| 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 (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| Flam. Liq. | Flammable liquid |
| 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 |



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Siplast Dach Szybka Izolacja SBS

Version number: GHS 1.0

Date of compilation: 2018-02-21

| Abbr. | Descriptions of used abbreviations |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IMDG | 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 |
| log KOW | n-Octanol/water |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| 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 |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

Key literature references and sources for data

- Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU
- Regulation (EC) No. 1272/2008 (CLP, EU GHS)

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 chapter 2 and 3)

| Code | Text |
|------|-----------------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |



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| Code | Text |
|------|--------------------------------------------------------------------|
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H373 | May cause damage to 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.