

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

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

### 1.1 Product identifier

Trade name **weber.tec 904**

Safety data sheet no.: 49PX20257

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

No further relevant information available.

**Application of the substance / the mixture** Bitumen coating

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

**Manufacturer/Supplier:**

Saint Gobain Weber GmbH

Schanzenstr. 84

D-40549 Düsseldorf

+49(0)211/91369-0

email: Produktsicherheit@sg-weber.de

**1.4 Emergency telephone number:** Telefon: +49(0)6131-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS09 environment

Aquatic Chronic 2 H411

Toxic to aquatic life with long lasting effects.



GHS07

STOT SE 3

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS07



GHS09

**Signal word** Warning

#### Hazard-determining components of labelling:

Hydrocarbons, C9, aromatics

#### Hazard statements

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

(Contd. on page 2)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 1)

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**
**Description:** Preparation on the base of bitumen, solvents and ancillary substances

**Dangerous components:**

CAS: 8052-42-4 EINECS: 232-490-9 Reg.nr.: 01-2119480172-44-xxxx	Asphalt substance with a Community workplace exposure limit	-%
CAS: 128601-23-0 EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336, EUH066	15-<30%

**SVHC** Void

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

### SECTION 4: First aid measures

**4.1 Description of first aid measures**
**General information**

Immediately remove any clothing soiled by the product.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**After inhalation**

Supply fresh air; consult doctor in case of complaints.

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

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing**

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

(Contd. on page 3)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 2)

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

No further relevant information available.

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

If swallowed or in case of vomiting, danger of entering the lungs

Later observation for pneumonia and pulmonary oedema.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents** Water with full jet**5.2 Special hazards arising from the substance or mixture** Carbon monoxide (CO)**5.3 Advice for firefighters****Protective equipment:** Wear self-contained respiratory protective device.**Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources

Ensure adequate ventilation.

**6.2 Environmental precautions:**

The product must not get into watercourses or into the soil.

Inform respective authorities in case of seepage into water course or sewage system.

Suppress gases/fumes/haze with water spray.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents.

**6.4 Reference to other sections** See Section 13 for disposal information.**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

(Contd. on page 4)

EUG

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

Trade name weber.tec 904

(Contd. of page 3)

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

#### Storage

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in unopened original receptacles.

#### Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

#### Recommended storage temperature: 5-35°C

### 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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

#### DNELs

#### CAS: 128601-23-0 Hydrocarbons, C9, aromatics

Oral	Derived No Effect Level	11 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	25 mg/kgxday (worker systemic long term value)
		11 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	1 mg/m <sup>3</sup> (worker systemic long term value)
		32 mg/m <sup>3</sup> (consumer systemic long term value)

CAS No.	Designation of material	%	Type	Value	Unit
<b>CAS: 8052-42-4 Asphalt</b>					
MAK (Germany)	Long-term value: 1.5 mg/m <sup>3</sup> Dampf und Aerosol				
GV (Denmark)	Long-term value: 1 mg/m <sup>3</sup>				
LEP (Spain)	Long-term value: 0.5 mg/m <sup>3</sup> aerosoles solubles en benceno				
TWA (Italy)	Long-term value: 0.5 mg/m <sup>3</sup> A4 , IBEp, (i)				
VLE (Portugal)	Long-term value: 0.5 mg/m <sup>3</sup> Fração inal.; A4, IBEp; Irritação ocular e do TRS				

#### Additional information:

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see item 7.

#### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

(Contd. on page 5)

EUG

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 4)

Keep away from foodstuffs, beverages and feed.  
Do not eat, drink, smoke or sniff while working.  
Wash hands before breaks and at the end of work.

**Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.  
In case of brief exposure or low pollution use respiratory filter device.  
In case of intensive or longer exposure use self-contained respiratory protective device.  
Short term filter device:

Filter A2

**Hand protection**

Solvent resistant gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.11$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

Breakthrough time:  $> 480$  min

Value for the permeation: Level  $\leq 6$

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Tightly sealed goggles

**Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Colour:</b>	Black
<b>Odour:</b>	Aromatic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	$>100$ °C
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	79.5 °C
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity at 40 °C</b>	$>21$ mm <sup>2</sup> /s
<b>dynamic:</b>	Not determined.

(Contd. on page 6)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

Trade name weber.tec 904

(Contd. of page 5)

**Solubility**

<b>Water:</b>	Insoluble
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	0.9-0.98 g/cm <sup>3</sup>
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	None.
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>EU-VOC (g/L)</b>	282.0000 g/l
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

(Contd. on page 7)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 6)

**10.3 Possibility of hazardous reactions** Reacts with strong oxidizing agents

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:**

Hydrogen sulphide

Carbon monoxide

Hydrocarbons

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 8052-42-4 Asphalt</b>			
Oral	LD50	>5,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)
<b>CAS: 128601-23-0 Hydrocarbons, C9, aromatics</b>			
Oral	LD50	3,592 mg/kg	(Rat)
Dermal	LD50	>3,160 mg/kg	(Rabbit)

**Skin corrosion/irritation** Skin irritation possible due to drying effect.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**
**Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity**
**Aquatic toxicity:** Toxic to aquatic life with long lasting effects.

**Type of test Effective concentration Method Assessment**
**CAS: 128601-23-0 Hydrocarbons, C9, aromatics**

EC50/72h 0.29-0.42 mg/l (Algae)

NOEC (72h) 0.07 mg/l (Algae)

**12.2 Persistence and degradability** No further relevant information available.

**Other information:** The product is not easily biodegradable.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

(Contd. on page 8)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 7)

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:**

The product contains substances which causes severe clouding in water

The product contains substances which are toxic to fishes and bacteria.

Toxic for fish

**Additional ecological information:**

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation**

After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.

**European waste catalogue**

Possible waste code. The concrete waste code depends on the source of the waste.

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
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**Uncleaned packaging:**

**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations.

### SECTION 14: Transport information

**14.1 UN number or ID number**

ADR, IMDG, IATA

UN3082

**14.2 UN proper shipping name**

ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C9, aromatics)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C9, aromatics), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons, C9, aromatics)

(Contd. on page 9)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

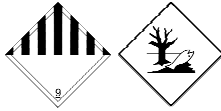
Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 8)

### 14.3 Transport hazard class(es)

**ADR**



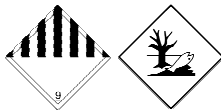
**Class**

9 (M6) Miscellaneous dangerous substances and articles.

**Label**

9

### IMDG, IATA



**Class**

9 Miscellaneous dangerous substances and articles.

**Label**

9

### 14.4 Packing group ADR, IMDG, IATA

III

### 14.5 Environmental hazards:

**Marine pollutant:**

Symbol (fish and tree)

**Special marking (ADR):**

Symbol (fish and tree)

**Special marking (IATA):**

Symbol (fish and tree)

### 14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

**Hazard identification number (Kemler code):** 90

**EMS Number:**

F-A,S-F

**Stowage Category**

A

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

### Transport/Additional information:

**ADR**

**Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**Transport category**

3

**Tunnel restriction code**

(-)

**IMDG**

**Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 10)

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 9)

<b>UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HYDROCARBONS, C9, AROMATICS), 9, III
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**SECTION 15: Regulatory information**

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

**Directive 2012/18/EU**

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

**Seveso category E2** Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

**Department issuing SDS:** Product safety department.

(Contd. on page 11)

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.01.2022

Version number 3 (replaces version 2)

Revision: 17.01.2022

**Trade name weber.tec 904**

(Contd. of page 10)

**Contact:** Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210**Version number of previous version:** 2**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.