



Page 1 of 17  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 14.05.2020 / 0014  
Replacing version dated / version: 22.02.2019 / 0013  
Valid from: 14.05.2020  
PDF print date: 14.05.2020  
SEALANT ROOFPLAST BLACK 310 ML  
Art.: 9385433

---

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Annex II**

---

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

**1.1 Product identifier**

**SEALANT ROOFPLAST BLACK 310 ML**  
**Art.: 9385433**

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

**Relevant identified uses of the substance or mixture:**

Seam sealant  
Sector of use [SU]:  
SU 0 - Other  
SU 1 - Agriculture, forestry, fishery  
SU19 - Building and construction work  
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
Chemical product category [PC]:  
PC 1 - Adhesives, sealants  
Process category [PROC]:  
PROC19 - Manual activities involving hand contact

**Uses advised against:**

No information available at present.

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

BTI Befestigungstechnik GmbH & Co. KG  
Salzstr. 51  
74653 Ingelfingen  
Tel.: +49 7940 141 141  
Fax: +49 7940 141 9141  
Email: info@bti.de  
Homepage: www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

**1.4 Emergency telephone number**

**Emergency information services / official advisory body:**

---

**Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (BRC)

---

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008 (CLP)**

Hazard class	Hazard category	Hazard statement
Flam. Liq.	3	H226-Flammable liquid and vapour.
Eye Irrit.	2	H319-Causes serious eye irritation.
Skin Irrit.	2	H315-Causes skin irritation.
STOT RE	1	H372-Causes damage to organs through prolonged or repeated exposure (central nervous system).
Aquatic Chronic	3	H412-Harmful to aquatic life with long lasting effects.

**2.2 Label elements****Labeling according to Regulation (EC) 1272/2008 (CLP)**

Danger

H226-Flammable liquid and vapour. H319-Causes serious eye irritation. H315-Causes skin irritation. H372-Causes damage to organs through prolonged or repeated exposure (central nervous system). H412-Harmful to aquatic life with long lasting effects.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children. P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260-Do not breathe vapours or spray. P270-Do not eat, drink or smoke when using this product. P280-Wear protective gloves.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314-Get medical advice / attention if you feel unwell.

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

Naphtha (petroleum), hydrodesulphurized heavy

**2.3 Other hazards**

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

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

Bitumen

Filler

Solvents



Page 3 of 17  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 14.05.2020 / 0014  
Replacing version dated / version: 22.02.2019 / 0013  
Valid from: 14.05.2020  
PDF print date: 14.05.2020  
SEALANT ROOFPLAST BLACK 310 ML  
Art.: 9385433

---

Auxiliary agents

### 3.1 Substance

n.a.

### 3.2 Mixture

<b>Naphtha (petroleum), hydrodesulphurized heavy</b>	
<b>Registration number (REACH)</b>	---
<b>Index</b>	649-330-00-2
<b>EINECS, ELINCS, NLP</b>	265-185-4
<b>CAS</b>	64742-82-1
<b>content %</b>	15-<20
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 STOT RE 1, H372 (central nervous system) Aquatic Chronic 2, H411

<b>Quaternary ammonium compounds, trimethyltallow alkyl, chlorides</b>	
<b>Registration number (REACH)</b>	---
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	232-447-4
<b>CAS</b>	8030-78-2
<b>content %</b>	1-<3
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Flam. Sol. 1, H228 Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.

Quote: "Note P - The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7)."

Article 4 of the regulation (EC) no. 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

---

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.



Page 4 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

---

#### **Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### **Ingestion**

Rinse the mouth thoroughly with water.

Call doctor immediately - have Data Sheet available.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:

Irritation of the eyes

Inhalation:

Dizziness

Headaches

Nausea

Unconsciousness

Ingestion:

Nausea

Irritation of the stomach

with long-term contact:

Drying of the skin.

Dermatitis (skin inflammation)

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

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

n.c.

---

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Water jet spray/foam/CO2/dry extinguisher

##### **Unsuitable extinguishing media**

High volume water jet

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

In case of fire the following can develop:

Oxides of carbon

Toxic gases

Flammable vapour/air mixtures

#### **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

---

### **SECTION 6: Accidental release measures**

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

Ensure sufficient supply of air.

Remove possible causes of ignition - do not smoke.

Avoid contact with eyes or skin.

**6.2 Environmental precautions**

Prevent from entering drainage system.

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

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

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

Or:

Pick up mechanically and dispose of according to Section 13.

**6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

---

**SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

**7.1 Precautions for safe handling****7.1.1 General recommendations**

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

**7.1.2 Notes on general hygiene measures at the workplace**

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Keep locked away.

Keep out of access to unauthorised individuals.

Observe special storage conditions.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Store in a well ventilated place.

Protect from direct sunlight and warming.

Only store at temperatures from 5°C to 25°C.

**7.3 Specific end use(s)**

No information available at present.

---

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):

600 mg/m<sup>3</sup>



Page 6 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

Chemical Name	Naphtha (petroleum), hydrodesulphurized heavy		Content %:	15-<20
WEL-TWA:	600 mg/m <sup>3</sup>	WEL-STEL:	---	---
Monitoring procedures:	<ul style="list-style-type: none"> <li>- Draeger - Hydrocarbons 2/a (81 03 581)</li> <li>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</li> <li>- Compur - KITA-187 S (551 174)</li> </ul>			
BMGV:	---	Other information: (OEL acc. to RCP-method, paragraphs 84-87, EH40)		

Chemical Name	Asphalt		Content %:	---
WEL-TWA:	5 mg/m <sup>3</sup> (Asphalt, petroleum fumes)	WEL-STEL:	10 mg/m <sup>3</sup> (Asphalt, petroleum fumes)	---
Monitoring procedures:	---			
BMGV:	---	Other information: ---		

Chemical Name	Quartz		Content %:	---
WEL-TWA:	0,1 mg/m <sup>3</sup> (silica, respirable, crystalline)	WEL-STEL:	---	---
Monitoring procedures:	MDHS 101 (Crystalline silica in respirable airborne dust – Direct on-filter analysis by infrared spectroscopy and X-ray diffraction) - - 2005 - EU project BC/CEN/ENTR/000/2002-16 card 52-1 (2004) INSHT MTA/MA-036 (Determination of Quartz in Air – Membrane Filter Method/ Xray Diffraction) - 2000, 2004 NIOSH 7500 (Crystalline Silica, by XRD (filter redeposition)) - - 2003 - EU project BC/CEN/ENTR/000/2002-16 card 52-6 (2004) - NIOSH 7602 (Crystalline Silica, by IR (KBr pellet)) - 2003 - NIOSH 7603 (Quartz in coal mine dust, by IR (redeposition)) - 2003 OSHA ID-142 (Quartz and Cristobalite in Workplace Atmospheres) - - 1996			
BMGV:	---	Other information: ---		

Chemical Name	Magnesium oxide		Content %:	---
WEL-TWA:	10 mg/m <sup>3</sup> (total inh. dust, as Mg), (4 mg/m <sup>3</sup> ) (resp. dust and fume, as Mg)	WEL-STEL:	---	---
Monitoring procedures:	---			
BMGV:	---	Other information: ---		

Asphalt						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Consumer	Human - inhalation	Long term, local effects	DNEL	0,6	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	2,9	mg/m <sup>3</sup>	



WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted

average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive

2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable

fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this



Page 7 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

---

Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU).

(10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV =

Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value,

Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through

skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14)

= The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

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

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection.

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Protective gloves in butyl rubber (EN 374).

Minimum layer thickness in mm:

0,5

Permeation time (penetration time) in minutes:

> 60

Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).



Page 8 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

---

Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Filter A2 P2 (EN 14387), code colour brown, white

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### 8.2.3 Environmental exposure controls

No information available at present.

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Paste, Liquid
Colour:	Black
Odour:	Solvent
Odour threshold:	Not determined
pH-value:	n.a.
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	160 °C
Flash point:	44 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	Not determined
Upper explosive limit:	Not determined
Vapour pressure:	6 mbar
Vapour density (air = 1):	Not determined
Density:	1,3 g/ml (20°C)
Bulk density:	Not determined
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	210 °C (Ignition temperature )
Decomposition temperature:	Not determined
Viscosity:	60000 mm <sup>2</sup> /s (40°C)





Page 9 of 17  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 14.05.2020 / 0014  
 Replacing version dated / version: 22.02.2019 / 0013  
 Valid from: 14.05.2020  
 PDF print date: 14.05.2020  
 SEALANT ROOFPLAST BLACK 310 ML  
 Art.: 9385433

Explosive properties:	Not determined
Oxidising properties:	Not determined
<b>9.2 Other information</b>	
Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product has not been tested.

### 10.2 Chemical stability

Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

See also section 7.

Heating, open flame, ignition sources

### 10.5 Incompatible materials

See also section 7.

Avoid contact with strong oxidizing agents.

### 10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

SEALANT ROOFPLAST BLACK 310 ML Art.: 9385433						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by dermal route:						n.d.a.
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.



Page 10 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification according to calculation procedure.

#### Naphtha (petroleum), hydrodesulphurized heavy

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>15000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>3400	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Skin corrosion/irritation:					OECD 404 (Acute Dermal Irritation/Corrosion)	Repeated exposure may cause skin dryness or cracking.
Respiratory or skin sensitisation:					OECD 406 (Skin Sensitisation)	Not sensitizing, Analogous conclusion
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative, Analogous conclusion
Carcinogenicity:					OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)	Negative, Analogous conclusion
Reproductive toxicity (Developmental toxicity):					OECD 414 (Prenatal Developmental Toxicity Study)	Negative, Analogous conclusion

#### Asphalt

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg			Analogous conclusion
Acute toxicity, by dermal route:	LD50	>2000	mg/kg			Analogous conclusion





Page 12 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

12.2. Persistence and degradability:							n.d.a.
12.3. Bioaccumulative potential:							n.d.a.
12.4. Mobility in soil:							n.d.a.
12.5. Results of PBT and vPvB assessment							n.d.a.
12.6. Other adverse effects:							n.d.a.
Other information:							According to the recipe, contains no AOX.

<b>Naphtha (petroleum), hydrodesulphurized heavy</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.1. Toxicity to fish:	LL50	96h	10-30	mg/l	Oncorhynchus mykiss		Analogous conclusion
12.1. Toxicity to daphnia:	EL50	48h	10-22	mg/l	Daphnia magna		Analogous conclusion
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	0,097	mg/l	Daphnia magna		Analogous conclusion
12.1. Toxicity to algae:	NOELR	72h	0,22	mg/l	Pseudokirchneriella subcapitata		Analogous conclusion
12.1. Toxicity to algae:	EL50	72h	4,6-10	mg/l	Pseudokirchneriella subcapitata		Analogous conclusion
12.2. Persistence and degradability:		28d	74,7	%			Readily biodegradable, Analogous conclusion
12.5. Results of PBT and vPvB assessment							n.a.
Water solubility:			20	mg/l			20°C

<b>Quartz</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.3. Bioaccumulative potential:							Not to be expected
12.4. Mobility in soil:							Low



Page 13 of 17  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 14.05.2020 / 0014  
 Replacing version dated / version: 22.02.2019 / 0013  
 Valid from: 14.05.2020  
 PDF print date: 14.05.2020  
 SEALANT ROOFPLAST BLACK 310 ML  
 Art.: 9385433

12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
--	--	--	--	--	--	--	--

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

#### For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

15 01 10 packaging containing residues of or contaminated by hazardous substances

## SECTION 14: Transport information

### General statements

14.1. UN number: 3295

#### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name: Is not subject to ADR/RID, in accordance with to 2.2.3.1.5 (<= 450 l)

14.3. Transport hazard class(es): n.a.

14.4. Packing group: n.a.

Classification code: n.a.

LQ: n.a.

14.5. Environmental hazards: n.a.

Tunnel restriction code: n.a.

#### Transport by sea (IMDG-code)

14.2. UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport hazard class(es): 3

14.4. Packing group: III

EmS: F-E, S-D

Marine Pollutant: n.a.

14.5. Environmental hazards: Not applicable

#### Transport by air (IATA)

14.2. UN proper shipping name:



®

Page 14 of 17  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 14.05.2020 / 0014  
 Replacing version dated / version: 22.02.2019 / 0013  
 Valid from: 14.05.2020  
 PDF print date: 14.05.2020  
 SEALANT ROOFPLAST BLACK 310 ML  
 Art.: 9385433

Hydrocarbons, liquid, n.o.s.

14.3. Transport hazard class(es): 3

14.4. Packing group: III



**14.6. Special precautions for user**

Persons employed in transporting dangerous goods must be trained.  
 All persons involved in transporting must observe safety regulations.  
 Precautions must be taken to prevent damage.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Freighted as packaged goods rather than in bulk, therefore not applicable.  
 Minimum amount regulations have not been taken into account.  
 Danger code and packing code on request.  
 Comply with special provisions.  
 IMDG-Code <= 450L:  
 Transport in accordance with 2.3.2.5 of the IMDG Code

**SECTION 15: Regulatory information**

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

Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)!  
 Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!  
 Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements
P5c		5000	50000

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC): 18 %  
 Directive 2010/75/EU (VOC): 234 g/l

Observe regulations on prohibition of chemicals.

**15.2 Chemical safety assessment**

A chemical safety assessment is not provided for mixtures.

**SECTION 16: Other information**



Page 15 of 17  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 14.05.2020 / 0014  
Replacing version dated / version: 22.02.2019 / 0013  
Valid from: 14.05.2020  
PDF print date: 14.05.2020  
SEALANT ROOFPLAST BLACK 310 ML  
Art.: 9385433

---

Revised sections: 8  
Employee training in handling dangerous goods is required.  
These details refer to the product as it is delivered.  
Employee instruction/training in handling hazardous materials is required.

**Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):**

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Flam. Liq. 3, H226	Classification based on test data.
Eye Irrit. 2, H319	Classification according to calculation procedure.
Skin Irrit. 2, H315	Classification according to calculation procedure.
STOT RE 1, H372	Classification according to calculation procedure.
Aquatic Chronic 3, H412	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H226 Flammable liquid and vapour.  
H228 Flammable solid.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

Flam. Liq. — Flammable liquid  
Eye Irrit. — Eye irritation  
Skin Irrit. — Skin irritation  
STOT RE — Specific target organ toxicity - repeated exposure  
Aquatic Chronic — Hazardous to the aquatic environment - chronic  
Asp. Tox. — Aspiration hazard  
STOT SE — Specific target organ toxicity - single exposure - narcotic effects  
Flam. Sol. — Flammable solid  
Acute Tox. — Acute toxicity - oral  
Skin Corr. — Skin corrosion  
Eye Dam. — Serious eye damage

---

**Any abbreviations and acronyms used in this document:**

acc., acc. to according, according to  
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
AOX Adsorbable organic halogen compounds  
approx. approximately  
Art., Art. no. Article number  
ASTM ASTM International (American Society for Testing and Materials)



Page 16 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

---

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European Community

ECHA European Chemicals Agency

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

etc. et cetera

EU European Union

EVAL Ethylene-vinyl alcohol copolymer

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

OECD Organisation for Economic Co-operation and Development

org. organic

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million

PVC Polyvinylchloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)



Ⓒ

Page 17 of 17

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 14.05.2020 / 0014

Replacing version dated / version: 22.02.2019 / 0013

Valid from: 14.05.2020

PDF print date: 14.05.2020

SEALANT ROOFPLAST BLACK 310 ML

Art.: 9385433

---

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.