

Safety data sheet
according to 1907/2006/EC, Article 31



Printing date 29.01.2021

Revision: 10.09.2020

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

- **1.1 Product identifier**
- **Trade name:** **DAKORIT SPM 40B**
- **Article number:** 40132
- **UFI:** PEQ0-80WW-500P-GA9J
- **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** Solvent-based, plastic repair filler for universal sealing.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Sievert Baustoffe GmbH & Co. KG
Mühlenschweg 6
D-49090 Osnabrück
Tel.: +49 2363 5663-0
- **Further information obtainable from:**
Abteilung: Produktsicherheit
Tel.. +49 2363 5663-0
info-hahne@sievert.de
- **1.4 Emergency telephone number:**
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen,
Tel.: 0551-19240

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
-  **GHS02 flame**
- **Flam. Liq. 3** **H226 Flammable liquid and vapour.**
- **Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.**
- **Additional information:** GISCODE: BBP 20
- **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**
-  **GHS02**
- **Signal word** Warning
- **Hazard-determining components of labelling:**
Kohlenwasserstoffe, C9-C11, iso-Alkane, Cycloalkane, Aromaten (< 2%)
- **Hazard statements**
H226 Flammable liquid and vapour.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: DAKORIT SPM 40B

(Contd. of page 1)

- P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P243 Take action to prevent static discharges.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

· 2.3 Other hazards**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures**· Description:** Fiber bitumen compound, solvent**· Dangerous components:**

EC number: 920-134-1	Kohlenwasserstoffe, C9-C11, iso-Alkane, Cycloalkane, Aromaten (< 2%) 	10-25%
EC number: 918-668-5	Kohlenwasserstoffe, C9, Aromaten 	<2.5%
EC number: 919-466-0	Kohlenwasserstoffe C7-C9, n-Alkane, Isoalkane, Cyclene 	<2.5%

· Additional information:

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

GISCODE: BBP20

The product contains no polycyclic aromatic hydrocarbons, no tars and no phenols

SECTION 4: First aid measures

· 4.1 Description of first aid measures**· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.**· After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.**· 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**

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media**· Suitable extinguishing agents:**CO₂, 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:** Explosion and fire do not breathe fumes.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: **DAKORIT SPM 40B**

(Contd. of page 2)

· **Additional information** Exposed containers with water spray.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Sources of ignition.

· 6.2 Environmental precautions:

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

Prevent seepage into sewage system, workpits and cellars.

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

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

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

Ensure adequate ventilation.

Pick up mechanically.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Ensure good ventilation / exhaustion at the workplace.

Good ventilation even at ground level (vapors are heavier than air).

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Keep only in original container.

Prevent penetration into the ground.

Store in a cool place.

· Information about storage in one common storage facility: Store away from oxidizing agents

· Further information about storage conditions: Keep container tightly sealed.

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Additional information about design of technical facilities: No further data; see item 7.

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

8052-42-4 Asphalt (25-50%)

WEL	Long-term value: 1.5 mg / m ³
	Steam and aerosol

· DNELs

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics, EC no. 909-857-5

Worker (industry / specialist), long-term, systemic effects:

208 mg / kg bw / day (dermal)

871 mg / m³ / 8h (inhalation)

Consumers, long-term, systemic effects:

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: DAKORIT SPM 40B

(Contd. of page 3)

125 mg / kg bw / day (dermal)

185 mg / m³ / 24h (inhalation)

125 mg / kg bw / day (oral)

· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.· **Respiratory protection:**

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.

The room ventilation is not required, add in heavy or prolonged exposure use respiratory filter device.

· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

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 preparation 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.

Solvent-resistant gloves made of nitrile rubber or fluoro rubber (Viton).

· **Penetration time of glove material**

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

480 min (nitrile rubber), 480 min (Viton)

· **Eye protection:** Safety glasses wear.· **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:** Pasty**Colour:** Black· **Odour:** Solvent-like· **Odour threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** 150-205 °C· **Flash point:** 24 °C· **Flammability (solid, gas):** Not applicable.· **Ignition temperature:** 400 °C· **Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.· **Explosion limits:****Lower:** 0.3 Vol %

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: **DAKORIT SPM 40B**

(Contd. of page 4)

Upper:	6.5 Vol %
· Vapour pressure at 20 °C:	1 hPa
· Density at 20 °C:	1.07 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic at 20 °C:	100,000 mPas
Kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

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.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** removes fat on the skin.
- **Serious eye damage/irritation** Irritability
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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** Based on available data, the classification criteria are not met.
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: **DAKORIT SPM 40B**


(Contd. of page 5)

- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
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.
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
 - **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- | | |
|-----------------------------------|--|
| · European waste catalogue | |
| 17 03 02 | bituminous mixtures other than those mentioned in 17 03 01 |
- **Uncleaned packaging:**
 - **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|--|
| · 14.1 UN-Number | Void |
| · ADR, IMDG | Void |
| · IATA | UN1139 |
| · 14.2 UN proper shipping name | Void |
| · ADR, IMDG | Void |
| · IATA | COATING SOLUTION |
| · 14.3 Transport hazard class(es) | Void |
| · ADR, ADN, IMDG | Void |
| · Class | Void |
| · IATA | Void |
|  | |
| · Class | 3 Flammable liquids. |
| · Label | 3 |
| · 14.4 Packing group | Void |
| · ADR, IMDG | Void |
| · IATA | III |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 29.01.2021

Revision: 10.09.2020

Trade name: **DAKORIT SPM 40B**

(Contd. of page 6)

· UN "Model Regulation":	Void
--------------------------	------

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 P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Other regulations, limitations and prohibitive regulations**
- **VOC (EU)** 0.0 g/l
- **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.
- **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)
- ICAO: International Civil Aviation Organisation
- ADR: Accord européen sur le transport 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
- 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)
- PBT: Persistent, Bioaccumulative and Toxic
- 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
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

GB