

Material Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 28.01.2009

Revision: 28.01.2009

1 Identification of substance

- **Product details**
- **Trade name** Spray-On-Waterproofing 2 K Rapid, Comp. A
- **Article number:** 1902
- **Application of the substance / the preparation** Coating
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen / Germany
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- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
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after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment**
Contact with skin and inhalation of aerosols/ vapours of the preparation should be avoided.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Bitumen-plastic coating on an emulsion base.

Dangerous components:

CAS: 8052-42-4	Asphalt	40-60%
EINECS: 232-490-9		

4 First aid measures

- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact**
Do not pull solidified product away from the skin.
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing**
Rinse out mouth and then drink plenty of water.

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Seek medical treatment.

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:**
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:**
Product forms slippery surface when combined with water.
Avoid skin contact. Avoid eye contact.
Do not breathe fumes/aerosol
- **Measures for environmental protection:**
Do not allow to enter the ground/soil.
Dilute with plenty of water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special requirements.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
Protect from frost.
Store at temperatures < 40°C.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

8052-42-4 Asphalt

WEL	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³
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- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Avoid contact with eyes and skin.
- **Respiratory equipment:**
In case of insufficient ventilation/or spraying procedures: Respiratory equipment with particle filter P 2
- **Protection of hands:**
- **Material of gloves** Nitrile rubber, NBR

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- **Penetration time of glove material**

Break through time: max. 240 min (DIN EN 374).

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

- **Eye protection:**

Tightly sealed safety glasses.
if there is a risk of splashes

- **Body protection:**

Closed work clothing
Avoid skin contact.

9 Physical and chemical properties:

- **General Information**

Form:	Fluid
Colour:	black-brown
Odour:	Weak, characteristic

- **Change in condition**

Melting point/Melting range: Not determined**Boiling point/Boiling range:** Not determined

- **Flash point:** Not applicable

- **Self-inflammability:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive.

- **Vapour pressure at 20°C:** 23 hPa

- **Density at 20°C** 1.01 g/cm³

- **Solubility in / Miscibility with Water:** Fully miscible

- **pH-value at 20°C:** 11.5

- **Viscosity:**

kinematic at 20°C: 35 s (DIN 53211/4)

- **Solvent content:**

Organic solvents: 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**

No decomposition if handled and stored according to specifications.

- **Dangerous reactions** No dangerous reactions known

- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

8052-42-4 Asphalt

Oral LD50 > 5000 mg/kg (Ratte)

- **Primary irritant effect:**

- **on the skin:** No irritating effect.

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- **on the eye:** No irritating effect.
- **Sensitisation:** No sensitising effect known.
- **Additional toxicological information:**
The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

12 Ecological information:

- **General notes:**
Water hazard class 1 : slightly hazardous to water.
according to appendix 4 VwVwS
Do not allow product to reach ground water, bodies of water or sewage system.

13 Notes on disposal:

- **Product:**
- **Recommendation**
Do not dispose of together with household garbage. Do not allow product to reach sewage system.
Not hardened material must be disposed of as hazardous waste according to official regulations. Hardened product remains may be disposed of as building rubble or put into household garbage.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

· European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** -

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**
Observe normal safety precautions for handling chemicals
The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

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- **Product Code:** BBP 10
- **National regulations**
- **Water hazard class:**
Water hazard class 1: slightly hazardous to water.
according to appendix 4 VwVwS
- **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.
Delivery specifications are found in the respective Technical Information Sheets.

- **Department issuing data specification sheet:** Product Safety department

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