

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 15.07.2011

Revision: 15.07.2011

### 1 Identification of substance

- **Product details**
- Trade name **Deep Primer**
- **Article number:** 2909
- **Application of the substance / the preparation** Priming
- **Manufacturer/Supplier:**  
Remmers Baustofftechnik GmbH  
Postfach 1255  
D-49624 Lönningen / Germany  
Tel.: 05432/83-0  
Fax: 05432/3985
- **Informing department:**  
Product Safety department: Tel.: +49 (0)5432/83-138/-538  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
during working hours:  
U.K.: Tel.: +44 (0) 845 373 0103  
Far East: Tel.: +65( 0) 67410277  
Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

### 2 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**  
R 10 Flammable.  
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R 65 Harmful: may cause lung damage if swallowed.
- **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:** Styrene acrylate copolymer in naphtha hydrocarbons

- **Dangerous components:**

|                                      |                                                |             |        |
|--------------------------------------|------------------------------------------------|-------------|--------|
| CAS: 64742-82-1<br>EINECS: 265-185-4 | Naphtha (petroleum), hydrodesulfurized heavy   | Xn; R 65    | 60-80% |
|                                      | Solvent naphtha (mineral oil), slight aromatic | Xn; R 10-65 | 20-40% |

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

### 4 First aid measures

- **General information**  
Immediately remove any clothing soiled by the product.

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- In case of irregular breathing or respiratory arrest, provide artificial respiration.
- **After inhalation**  
Take affected persons into the open air and position comfortably  
Seek medical treatment in case of complaints.
- **After skin contact**  
Wash immediately 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.
- **After swallowing** Do not induce vomiting. Do not give anything to drink. Call a doctor immediately!
- **Information for doctor**
- **The following symptoms may occur:**  
In case of prolonged/repeated exposure or in high concentrations:  
Headache  
Dizziness  
nausea  
Unconsciousness  
Dry skin  
Skin contact may cause irritation.
- **Danger**  
Long-term or repeated exposure may cause inflammation of the skin (dermatitis).  
Swallowing followed by vomiting may lead to aspiration into the lungs which leads to suffocation or toxic pulmonary oedema.

## 5 Fire fighting measures

- **Suitable extinguishing agents**  
Foam  
Water spray jet  
Water mist  
Dry extinguishing agents, carbon dioxide, sand or earth should only be used for small fires.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards caused by the material, its products of combustion or flue gases:**  
May be released in case of fire  
Carbon monoxide (CO)  
(in case of incomplete combustion)  
White spirit floats on the surface of water and can reignite. Fumes are heavier than air and spread out over the ground. Ignition over greater distances possible.
- **Protective equipment:**  
Wear self-contained breathing apparatus.  
Wear full protective suit.
- **Additional information** Cool endangered containers with water spray jet.

## 6 Accidental release measures

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Keep away from ignition sources  
Ensure adequate ventilation
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or water bodies.  
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Send for recovery or disposal in suitable containers.  
Clean soiled surfaces with detergent. Treat washing liquid as special refuse.  
Place leaking containers in a marked drum or recovery drum.  
Ensure adequate ventilation.

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· **Additional information:**

See Section 13 for information on disposal.

Danger of explosion. Inform fire department and Water Conservation Office if liquid runs off into sewers.

Fumes can combine with air to form an explosive mixture.

## 7 Handling and storage

· **Handling**

· **Information for safe handling:**

Use only in well ventilated areas.

Avoid prolonged or repeated skin contact. Avoid breathing fumes or sprayed mist. Extinguish all open flames, remove sources of ignition, avoid the formation of sparks. Do not smoke. Take precautionary measures against electrostatic charges. Ground all facilities. Do not empty product into waste water drains.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

· **Storage**

· **Requirements to be met by storerooms and containers:** Store in cool location.

· **Information on storage in a common storage facility:**

Do not store together with fire promoting and self-igniting materials as well as easily flammable solids.

· **Further information about storage conditions:**

Store cool and dry in tightly closed containers.

Store container in a well ventilated position.

Protect from heat and direct sunlight.

Do not smoke in storage areas. Storage temperature: room temperature.

## 8 Exposure controls and personal protection

· **Additional information about design of technical systems:** Use only in well-ventilated areas.

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

The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during compilation were used as a basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

Immediately remove soiled, saturated clothing.

Keep away from food, beverages and animal feed.

Do not eat, drink or smoke while working.

Apply solvent-resistant skin protection preparation before beginning work.

Wash hands before pauses and after work.

Avoid contact with eyes and skin.

Do not inhale gases / vapours / aerosols.

· **Respiratory equipment:**

In case of a risk of inhaling, wear half-mask with combination filter for organic vapours and particles.

Short term filter device:

Filter A/P2.

· **Protection of hands:** Solvent resistant gloves

· **Material of gloves** Nitrile rubber, NBR

· **Penetration time of glove material**

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

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

· **Eye protection:** Tightly sealed safety glasses.

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· **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

|                |             |
|----------------|-------------|
| <b>Form:</b>   | Fluid       |
| <b>Colour:</b> | clear       |
| <b>Odour:</b>  | Benzen-like |

### · Change in condition

|                                     |                |
|-------------------------------------|----------------|
| <b>Melting point/Melting range:</b> | Not determined |
| <b>Boiling point/Boiling range:</b> | 62°C           |

### · Flash point:

38°C

### · Ignition temperature:

245°C  
white spirit

### · Self-inflammability:

Product is not self-igniting.

### · Danger of explosion:

Product is not explosive. However, formation of dangerous explosive vapour/air mixtures is possible.

### · Explosive Limits:

|               |                           |
|---------------|---------------------------|
| <b>Lower:</b> | 0.7 Vol %<br>white spirit |
| <b>Upper:</b> | 6.5 Vol %<br>white spirit |

### · Vapour pressure at 20°C:

4 hPa  
white spirit

### · Density at 20°C

ca. 0.8 g/cm<sup>3</sup>

### · Solubility in / Miscibility with Water:

Insoluble

### · Distribution coefficient (n-octanol/water):

3.7 - 6.7 log POW  
white spirit

### · Viscosity:

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| <b>kinematic at 20°C:</b> | 11 s (DIN 53211/4)<br>bei 20 ° C 55 s DIN 53211/2 |
|---------------------------|---------------------------------------------------|

### · Solvent content:

|                          |      |
|--------------------------|------|
| <b>Organic solvents:</b> | 92 % |
|--------------------------|------|

## 10 Stability and reactivity

### · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.  
No decomposition if handled and stored according to specifications.  
Avoid: heat, flames, sparks

### · Materials to be avoided: none known

### · Dangerous reactions No dangerous reactions known

### · Dangerous decomposition products:

None if used properly.  
None if stored properly.

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## 11 Toxicological information

- **Acute toxicity:**

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

**64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy**

|            |          |                          |
|------------|----------|--------------------------|
| Oral       | LD50     | > 2000 mg/kg (Ratte)     |
| Dermal     | LD50     | > 2000 mg/kg (Kaninchen) |
| Inhalative | LC50/4 h | > 5 mg/l (Ratte)         |

**Solvent naphtha (mineral oil), slight aromatic**

|            |          |                          |
|------------|----------|--------------------------|
| Oral       | LD50     | > 2000 mg/kg (Ratte)     |
| Dermal     | LD50     | > 2000 mg/kg (Kaninchen) |
| Inhalative | LC50/4 h | > 5 mg/l (Ratte)         |

- **Primary irritant effect:**

- **on the skin:**

No irritating effect.  
Dries skin out.

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

- **Sensitisation:** No sensitising effect known.

- **Experience with humans:**

Frequent or longer lasting skin contact may degrease and dry out skin which may lead to skin irritation and inflammation (dermatitis).

After swallowing and subsequent vomiting, aspiration into the lungs may occur which leads to suffocation or toxic lung oedema.

## 12 Ecological information:

- **Ecotoxicological effects:**

- **Other information:**

Data for Naphtha (petroleum), hydrodesulfurized heavy:

Due to the rapid evaporation of the solvent, the product does not present a significant hazard to water organisms.

- **General notes:**

Water hazard class 2 : hazardous to water.

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

## 13 Notes on disposal:

- **Product:**

- **Recommendation**

Must be specially treated in compliance with official regulations.

Do not dispose of together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

|          |                                                            |
|----------|------------------------------------------------------------|
| 07 01 04 | other organic solvents, washing liquids and mother liquors |
|----------|------------------------------------------------------------|

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

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## 14 Transport information

### · Land transport ADR/RID and GGVs/GGVE (cross-border/domestic)



- ADR/RID-GGVs/E Class: 3 (F1) Flammable liquids.
- Kemler Number: 30
- UN-Number: 1993
- Packaging group: III
- Danger sign: 3
- Designation of goods: 1993 FLAMMABLE LIQUID, N.O.S. (Turpentine substitute)
- Limited quantities (LQ) LQ7
- Tunnel restriction code D/E

### · Maritime transport IMDG/GGVSea:



- IMDG/GGVSea Class: 3
- UN Number: 1993
- Label 3
- Packaging group: III
- EMS Number: F-E,S-E
- Marine pollutant: mp
- Correct technical name: FLAMMABLE LIQUID, N.O.S. (TURPENTINE SUBSTITUTE, MIXTURE)

### · Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 3
- UN/ID Number: 1993
- Label 3
- Packaging group: III
- Correct technical name: FLAMMABLE LIQUID, N.O.S. (TURPENTINE SUBSTITUTE, MIXTURE)

## 15 Regulatory information

### · Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)

### · Code letter and hazard designation of product:



Xn Harmful

### · Hazard-determining components of labelling:

Naphtha (petroleum), hydrodesulfurized heavy

### · Risk phrases:

10 Flammable.

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52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
65 Harmful: may cause lung damage if swallowed.

**Safety phrases:**

- 2 Keep out of the reach of children.
- 23 Do not breathe fumes/aerosol.
- 51 Use only in well-ventilated areas.
- 61 Avoid release to the environment. Refer to special instructions/safety data sheets.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**National regulations****Ordinance on hazardous incidents (StFV):**

Threshold quantity according to the ordinance on incidents should be observed.  
Material group 3 (flammable liquids)

**Water hazard class:**

German Water hazard class 2: hazardous to water.  
according to appendix 4 VwVwS

**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.

**Relevant R-phrases**

- 10 Flammable.
- 65 Harmful: may cause lung damage if swallowed.

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

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