

Safety Data Sheet following 1907/2006/EC

Solidscreen II Strip

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Date of revision: August 2012

1 Chemical product and company identification

1.1 Product Group and Products

Product Group: Solidscreen II Reagents
Product(s), Art.-No.: • Solidscreen II Strip 806 521 100

1.2 Manufacturer

Company: Bio-Rad Medical Diagnostics GmbH • Industriestr. 1 • 63303 Dreieich • Germany
Telephon: +49(0)6103 3130-0 • Fax: +49 (0)6103 3130-724

Contact for information: Productmanagement Transfusion
Telephon: +49(0)6103 3130-611 • Fax: +49(0)6103 3130-724

1.3 Use of the substance/preparation

Reagents for biochemical applications, industrial, commercial

1.4 Emergency Phone see Manufacturer / Supplier

- This MSDS is listed with CHEMTREC 1-800-424-9300. Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT with this product. (USA only)
- External Phone: +49(0)6131 19-240
Medizinische Klinik und Poliklinik der Universität Mainz

1.5 Principal demands according to Art. 32 REACH

- Registration number(s) --
- Authorisation none
- Restrictions none

2 Information on composition

2.1 The product is composed of the following important ingredients / Hazardous ingredients:

| Conc. (% Mass) | IUPAC-Name | CAS-No. | EEC-No. | EINECS-No. | Warning-Signs | R-Phrases |
|----------------|------------|---------|---------|------------|---------------|-----------|
| --- | --- | --- | --- | --- | --- | --- |

2.2 Chemical Characterization of composition

Microtestplates coated with protein A.

3 Hazards identification

Coating medium: Harmful if swallowed. Irritates eyes, respiration organs and skin.
S-Phrases: S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

4 First aid measures

General instructions: ---
After inhalation: ---
After skin contact: (Coating medium) Wash off with water.
After eye contact: (Coating medium) Rinse out with water.
After ingestion: (Coating medium) Make victim drink plenty of water.
Induce vomiting. Summon doctor if feeling unwell.
Notes to the physician: Show physician this safety data sheet.

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5 Fire fighting measures

Suitable extinguishing media: To suit environment.
Not to be used for safety reasons: None known

Special exposure hazards arising from substance or combustion products:

In case of fire development of hazardous vapors possible: CO and Phenyl ethylene.

Special protective equipment required for fire-fighting: No further requirements

Other information: ---

6 Accidental release measures

Person-related precautionary measures: ---
Procedures for cleaning/absorption: Forward for disposal. Clean up affected area.

7 Handling and storage

Handling: No further requirements
Storage: In aluminum bag at +2 to +8°C.

8 Exposure controls and personal protection

8.1 Specific control parameter of components (Exposure limits, FR Germany)

MAK: ---
TRK: ---
BAT: ---

8.2 Personal protective equipment

Respiratory protection: Required when vapors/aerosols are generated.
Eye protection: Safety glasses
Hand protection: Laboratory gloves
Industrial hygiene: Change contaminated clothing. Precautionary skin protection is recommended. Wash hands after working with substance.

9 Physical and chemical properties

Form: Solid
Color: Colorless
Odor: Odorless

9.1 Change of state

Boiling temperature: ---

Melting temperature: ---

Flash point: ---

Decomposition temperature: ---

Ignition temperature: ---

Auto flammability: ---

Explosion limits Lower: ---

Upper: ---

Oxidizing properties: ---

Vapour pressure: ---

Density: ---

Bulk density: ---

Solubility in water: Soluble (coating medium)

in Ethanol: Soluble (coating medium)

pH value: ---

Distribution coefficient: ---

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10 Stability and reactivity

| | |
|-----------------------------------|--------------------------|
| Conditions to be avoided: | Not known |
| Substances to be avoided: | No information available |
| Hazardous decomposition products: | No information available |
| Further information: | None |

11 Toxicological information

11.1 Acute toxicity

Quantitative data on the toxicity of this product are not available.

11.2 Further toxicological information

| | |
|--------------------------------|--|
| Sub acute to chronic toxicity: | --- |
| Other Notes: | No toxic effects are to be expected when the product is handled appropriately. |
| Notice „Other information“ | (item 16) |

12 Ecological information

12.1 Biologic degradation

Quantitative data on the ecological effect of this product are not available.

12.2 Behavior in environmental compartments:

Not determined

12.3 Ecotoxic effects

Toxic effects on environment can not be excluded if the product is not handled or disposed appropriately.

12.4 Further ecological data:

| | |
|--------------------|--------------------------|
| CSB: | --- mg/g |
| BSB ₅ : | --- mg O ₂ /l |
| Halogene: | --- |

Do not allow to enter drinking water supplies, waste water or soil!

13 Disposal considerations

13.1 Product

Disposal used product in compliance with its biological contamination. There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations, and in the federal Republic of Germany also by the individual Federal States. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

13.2 Contaminated Packaging

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

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14 Transport information

14.1 Land transport

| | | | |
|--------------------------|------|--------------------|-----|
| RID/ADR/GGVS/GGVE class: | none | Number and letter: | --- |
| Warning board: | --- | Number: | --- |
| UN-No: | --- | | |
| Name of material: | --- | | |

14.2 River transport

| | | | |
|---------------------------|-----|--------------------|-----|
| GGVBInSch/ADN/ADNR class: | --- | Number and letter: | --- |
| Category: | --- | | |
| Correct technical name: | --- | | |
| Notes: | --- | | |

14.3 Sea transport

| | | | |
|-------------------------|---------|--------|-----|
| IMDG/GGVSee class: | --- | UN-No: | --- |
| PG: | --- | EmS: | --- |
| MFAG: | --- | | |
| Marine Pollutant: | yes () | no () | |
| Correct technical name: | --- | | |
| Notes: | --- | | |

14.4 Air transport

| | | | |
|-------------------------|------|--|-----|
| ICAO/IATA class: | None | UN/ID-No: | --- |
| PG: | --- | | |
| Correct technical name: | | Biological products thought likely to contain infectious substances. | |
| Notes: | --- | | |

15 Regulatory information

15.1 Labeling according to EC Directives

| | | | |
|---------------|----------|--|--|
| Symbol: | --- | | |
| Warning sign: | | No harmful product according to regulation 67/584/EEC. | |
| Contains: | --- | | |
| R-Phrases: | --- | | |
| S-Phrases: | 36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. | |

15.2 German regulations

| | | | |
|------------------------|----------------------------|----------------------|--|
| App.II StörfallV No.: | --- | | |
| TA air No./class: | --- | | |
| VbF: | --- | | |
| MAK-value: | --- | | |
| Water pollution class: | 1- low hazardous to waters | (own classification) | |

Data sheet of the Chemical Professional Association: M050 Dealing with harmful substances

16 Other information

The information herein is based on our current level of knowledge and relates to the product in the state in which it is delivered. They are intended to describe our products from the point of view of safety requirements and are not intended to guarantee any particular properties.

All for Solidscreen II Compact and Strip materials of human origin used for this product were tested with FDA licensed methods for HbsAg, Anti-HCV and Anti-HIV-1,-2 and proved to be non-reactive. The risk of infection with hepatitis, HIV-1/-2 other infections are excluded. Nevertheless, all test reagents must be regarded as potentially infectious. Appropriate safety precautions are recommended. The bovine albumin used for the production of this reagent is purchased from BSE-free sources.