



SAFETY DATA SHEET

according (EG) 1907/2006 (REACH)

Date of print: 27.03.2017
Revision date: 27.03.2017

PRODUCT NAME: MIG – ESP® sealing primer

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

MIG – ESP® sealing primer

Use of the substance / preparation:

For the application of MIG-ESP®

Company/undertaking identification

Manufacturer:
Street:
Postal code / City / Country
Telephone:
Telefax:
e-mail:
Emergency Telephone:

MIG Material Innovative Gesellschaft mbH
Am Grarock 3
D-33154 Salzkotten
+49(0)5258 – 97482 -0
+49(0)5258 – 97482 -29
info@mig-mbh.de
+49(0)171-8325344 (SMS-receiver)

Department responsible for information:
Information Contact:
Telephone:
e-mail (competent person):

ICT Ingenieurbüro für CHEMIE und TECHNOLOGIE
DC Ing. Burkhard Brandt
+49(0) 5258 – 97482 -14
ictbrandt@aol.com

2. Hazards identification

Most important hazards:

No special risks known.

3. Composition/information on ingredients

Chemical characterization:

Waterbased dispersion of an acrylic/methacrylic acid esters copolymer

4. First aid measures

General information

Remove contaminated clothing immediately and dispose it safely.

In case of inhalation:

Remove the casualty into fresh air and keep him immobile.
Refer for medical treatment.

In case of skin contact:

In case of contact with skin wash off immediately with soap and water.

In case of eye contact:

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion:

Call for a doctor immediately.
Rinse out mouth and give plenty of water to drink.



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5. Fire-fighting measures

Suitable extinguishing media:

Foam, dry fire-extinguishing substance, CO₂, water spray jet

Extinguishing media which must not be used for safety reasons:

None

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Not known.

Special protective equipment for fire-fighters:

Use personal protective equipment.

Specific methods:

Standard procedure for chemical fires.

6. Accidental release measures

Personal precautions

Use personal protective equipment.
Avoid contact with skin and eyes.

Environmental precautions

Prevent further leakage or spillage if safe to do so. No special environmental precautions required.

Methods for cleaning up

Pump off larger quantity. Take up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Flush away residues with water. After taking up the material dispose according to regulation.

7. Handling and Storage

Handling

Technical measures/Precautions:

No special technical protective measures required.

Safe handling advice:

Use personal protective equipment.

Storage

Technical measures/Storage conditions:

Keep tightly closed in a dry and cool place.
Protect from frost.

8. Exposure controls / Personal protection

Occupational exposure controls

Engineering measures to reduce exposure:

No special technical protective measures required.



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Exposure Limit Values:

We are not aware of any national exposure limit.

Personal protective equipment

Respiratory protection:

Not required, except in case of aerosol formation.

Hand protection:

Rubber or plastic gloves. Break through time < 8 hours.

Eye protection:

Safety glasses

Skin and body protection:

Lightweight protective clothing

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls:

No special environmental precautions required.

9. Physical and chemical Properties

General information:

Physical state: aqueous solution
Colour: white
Odour: characteristic

Important health, safety and environmental information

pH-Value: 8,0 (+/- 0,5)
Boiling point/range: approx. 105°C
MFFT: app. 0 °C
Flash point: not applicable
Explosive properties: not applicable
Relative density: 1,0 ± 0,05 g/ml
Solubility
Water solubility (20°): completely miscible
Solid content: ca. 5,5 % ± 0,5 %
Particle size: app. 0,1 – 0,15 µm

10. Stability and Reactivity

Conditions to avoid:

No hazardous reactions known.

Materials to avoid:

No hazardous reactions known.

Hazardous decomposition products:

No hazardous decomposition products known.

Thermal decomposition:

No decomposition if used as directed.



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11. Toxicological information

Acute toxicity/ irritability/ sensitization:

| | |
|-----------------------------------|----------------|
| LD 50 acute oral: | not determined |
| LD 50 acute dermal: | not determined |
| LC 50 acute inhalation: | not determined |
| Irritability skin: | no |
| Irritability eye: | no |
| Skin sensitization: | no |
| Sensitization respiratory system: | no |

Subacute toxicity/ carcinogenicity

| | |
|------------------------|----|
| Subacute toxicity: | no |
| Chronic toxicity: | no |
| Reproduction toxicity: | no |
| Carcinogenicity: | no |

Toxicity test (additional information)

Acute oral toxicity not determinable.

Experiences made from practice

At appropriate handling and intended use the product does not cause any harmful effects to health.

Additional information

No toxicological data available.

12. Ecological information

Behaviour in sewage plant

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely.

General regulation

Effect to fishes and bacteria: not harmful

13. Disposal considerations

Recommendations for the product

In accordance with respective regulations of refuse tip take to household waste disposal.
Incinerate in suitable incineration plant, but care for official regulations.

14. Transport information

| | |
|--|--|
| Land transport (ADR/RID): | No dangerous good in sense of this transport regulation. |
| Inland waterway craft (ADN/ADNR): | No dangerous good in sense of this transport regulation. |
| Marine transport (IMDG): | No dangerous good in sense of this transport regulation. |
| Air transport (ICAO-TI / IATA-DGR): | No dangerous good in sense of this transport regulation. |



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15. Regulatory information

National regulations
Water hazard class:

1 VwVwS – Annex 2
lwh – light water hazardous

16. Other information

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