



EC-Safety Data Sheet

According to 1907/2006/EC, Article 31

PRODUCT: MIG-ESP® Quartz-filled Primer

Print date: 22.09.2014
Revision date : 22.09.2014

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

Identification of the substance or preparation

MIG-ESP® Quartz-filled Primer

Use of the substance/preparation

Priming coat

Information on manufacturer/supplier

Manufacturer: MIG Material Innovative Gesellschaft mbH
Street: Am Garock 3
Poastal code / city / country: D-33154 Salzkotten
Telephone: +49(0)5258-97482-0
Telefax: +49(0)5258-97482-29
E-Mail: info@mig-mbh.de
Emergency telephone: 0171-8325344 (SMS receiver, 24 h)

Department responsible for information: ICT Ingenieurbüro
für CHEMIE und TECHNOLOGIE
Contact person: Dipl.-Chem. Ing. Burkhard Brandt
Telephone: +49(0)5258-97482-14
E-Mail: ictbrandt@aol.com

2. Potential hazards

Classification of the substances/mixtures

Classification according to Directive (EC) No. 1272/2008

According to CLP-Regulation, this product is not subject to classification.

Classification according to **directive 67/548/EEC or 1999/45/EC** not applicable.

Special hazard warnings for human and environment:

This product is not subject to classification due to the calculation method of 'General Classification Guideline for Preparations of the EC' in the latest valid version.

Classification system:

The classification complies with the updated EC-lists, however, it is supplemented by technical literature and company publications.

Label elements

Labeling according to Directive (EC) No. 1272/2008 not applicable

Hazard pictogram not applicable

Signal word not applicable

Hazard warnings not applicable



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Other hazards

Results of the PBT- and vPvB-evaluation

PBT: not applicable

vPvB: not applicable

3. Composition/information on ingredients:

Chemical characterisation: mixtures

Description: aqueous synthetic resin dispersion based on polystyrene acrylate with mineral fillers.

Hazardous ingredients: not applicable

4. First aid measures:

Description of first aid measures

General information

Self protection of the first aider.

Remove affected persons from danger zone.

In case of indisposition seek medical attention immediately and present this data sheet.

After inhalation

Supply fresh air, consult a doctor in case of complaints.

After contact with skin

Wash off with water and soap immediately. Rinse thoroughly.

If skin irritation persists, consult a doctor.

After contact with eyes

Rinse eyes under running water with eyelids open for several minutes. Seek medical advice if symptoms persist.

After ingestion

Do not induce vomiting. Seek medical assistance immediately.

Rinse mouth and drink plenty of water afterwards.

5. Fire-fighting measures

Extinguishing agent

Suitable extinguishing agent:

Use fire fighting measures that suit the environment.

Instructions for firefighters

Special protective equipment: use measures that suit the environment.

Other information



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Fire residues and contaminated fire extinguishing water must be disposed of in accordance with official regulations.
Contaminated extinguishing water must be collected separately. Do not discharge into drains.

6. Accidental release measures

Personal precautions, protective equipment and emergency measures:

Wear personal protective clothing

Environmental measures

Dilute with plenty of water.
Do not empty into drains or water/ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the absorbed material according to regulations.

Reference to other sections

For information for disposal see chapter 13.

7. Handling and storage

Handling

Precautions for safe handling

Keep container tightly closed.
Store in a cool, dry place.

Precautions against fire and explosion

No special requirements required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements for storage facilities and containers

Store only in unopened, original container.

Information on combined storage: store away from foodstuffs.

Further information on storage conditions:

Protect against frost
Protect from heat and direct sunlight.
Recommended storage temperature: +5 to +30°C

Storage category: 12 (VCI) – non-flammable liquids

Classification according to Industrial Safety Regulation (BetrSichV): -



material innovative
gesellschaft mbh

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8. Exposure controls/Personal protection

Additional information on design of technical facilities:

No additional information, see point 7

Control parameter

Components with critical values that require monitoring at workplace:

14808-60-7 Quartz

MAK	alveolar fraction
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Additional information: The lists that were valid during the compilation were used as basis.

Limitation and monitoring of exposure

Personal protective equipment:

General protective and hygienic measures:

- Avoid contact with skin and eyes.
- Take off contaminated, soaked clothing immediately.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of workday.
- Use rehydrating skin cream after processing the product.

Respiratory protection

Not necessary if room is well ventilated.

Hand protection

- Protective gloves according to EN 374 recommended with CE marking.
- The glove material must be impermeable and resistant to the product/substance/preparation.
- Selection of the glove material shall take penetration times, rates of diffusion and degradation into consideration.

Glove material

- Tips for selecting appropriate gloves can be found on the following website:
<http://www.gisbau.de>
- nitrile rubber

Penetration time of glove material

For preparation the penetration time must be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

Eye protection

Safety glasses recommended during refilling

Body protection

Protective work wear

9. Physical and chemical properties



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Information on basic physical and chemical properties

General information

Appearance:

Physical state:	liquid
Colour:	milky
Odour:	weak, characteristic
pH-Value at 20°C:	approx. 9 (DIN 19261)
Change of state	
Boiling point/boiling range:	100°C
Flashpoint:	not applicable
Self ignition:	product is not self igniting
Explosion hazard:	product does not present explosion hazard
Vapour pressure at 20°C:	24 hPa (calculated)
Density at 20°C:	1.3 g/cm ³
Solubility in and Miscibility with	
- Water:	fully miscible
Solvent concentration:	
- VOC (EU)	EU - limit for the product (Cat A / c.): 30 g/l (2010) This product contains a maximum of 30 g/l VOC.

10. Stability and Reactivity

Reactivity

Chemical stability

Thermal decomposition/conditions to avoid:

No decomposition if used according to specifications

Potential hazardous reaction no hazardous reaction known.

Hazardous decomposition products no hazardous decomposition products known.

11. Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin:

no information available

in the eye:

cause eye discomfort

sensitisation:

no sensitive effect known

Additional toxicological information

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not cause any adverse health effects based on our experience and information presented to us.



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12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential: No further relevant information available.

Additional ecological information:

General information:

Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

13. Disposal information

Waste treatment methods

Recommendation:

After prior treatment, product must be disposed of in an authorised hazardous waste landfill in accordance with regulations for special waste.

Waste code number:

Possible waste code number: the precise waste code number depends on the source of the waste.

08 01 19: Aqueous suspensions, containing paints or lacquers with organic solvents or other dangerous substances

Contaminated packaging

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent

Water, if necessary together with detergent.

14. Transport information

Land transport ADR/RID: non-dangerous goods

Inland marine transport: non-dangerous goods

Marine transport IMDG/GGVSee: non-dangerous goods



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Air transport ICAO-TI and IATA-DGR: non-dangerous goods

15. Regulatory information

Safety, health and environmental regulations/provisions specific for the substance or mixture.

National provisions:

Classification according to Industrial Safety Regulation (BetrSichV): -

Water hazard class: WGK 1 (self classification): slightly hazardous to water.

Chemical safety assessment: A chemical safety assessment was not carried out.

16. Other information

The information contained herein is correct to the best of our knowledge at the time of printing. It does not provide guarantee for specific product properties and constitute no contractual legal relationship.

Production und distribution through:

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