

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Substance name/trade name: MIG-ESP® Interior

1.2 Relevant identified uses of the substance or mixture and uses advised against

Coating material

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

MIG Material Innovative Gesellschaft mbH

Street/postbox

Am Grarock 3

Country/postcode/city

D-33154 Salzkotten

Technical contact point

ICT Ingenieurbüro für CHEMIE und TECHNOLOGIE

Dipl.-Chem. Ing. Burkhard Brandt

+49(0)5258 - 97482 - 14

ictbrandt@aol.com

Telephone/Telefax/E-Mail

+49(0)5258 - 97482 - 0 / +49(0)5258 - 97482 - 29 / E-Mail: safety@mig-mbh.de

1.4 Emergency telephone number

Poisons Information Centre

University Hospital Bonn

+49(0)22819240

Section 2: Potential hazards

2.1 Classification of the substances/mixtures

Classification according to Regulation (EC) No. 1272/2008:

The product is not classified according to the CLP regulation.

2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008:

Pictogramm: not applicable

Signal word: not applicable

Hazardous component(s) for labelling:

Not applicable

Hazard warnings:

Not applicable

Safety instructions:

P101: If medical advice is required, provide packaging or identification label.

P102: Keep out of the reach of children.

P103: Read identification label before use.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Additional information

EUH208

: Contains 2-octyl-2H-isothiazol-3-one. May cause allergic reactions. Safety data sheet available on request.

2.3 Other hazards:

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

Section 3: Composition/information on ingredients

3.2 Mixtures

Contains no hazardous ingredients.

Section 4: First aid measures

4.1 Description of first aid measures

General information:

If the patient feels unwell, consult a doctor and submit this data sheet.
No special measures required.
Self-protection of the first-aider.
Remove affected person from the danger area.

After inhalation

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

After contact with skin

If skin irritation persists, consult a doctor.

After contact with eyes

Rinse eyes under running water for several minutes with the eyelid open. If symptoms persist, consult a doctor.

After ingestion

Rinse mouth and drink plenty of water.
Do not induce vomiting, seek medical attention immediately.

4.2 Most important acute and delayed symptoms and effects

No further relevant information available.

4.3 Information on immediate medical help or special treatment

No further relevant information available.

Section 5: Fire-fighting measures

5.1 Extinguishing agent

Suitable: Use fire extinguishing measures that suits the environment.
Unsuitable: Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Information for firefighters

Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Do not inhale explosion and fire gases.
Wear self-contained breathing apparatus.
Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing.

6.2 Environmental measures

Do not empty into drains or watercourses.
Notify the competent authority in case of release into water or sewage system.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust).
Dispose of contaminated material as waste in accordance with Section 13.

6.4 Reference to other sections

For information on safe handling see Section 7.
For information on personal protection see Section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Store in well closed containers in a cool and dry place.
Measures to protect against fire and explosions
No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Information on storage conditions

Store in well closed containers in a cool and dry place.
Keep container tightly sealed.
Store only in unopened original containers.

Requirements for storage rooms and containers

No special requirements.
Storage class: LGK 12 Non-combustible liquids

7.3 Specific end uses

Industry and sector specific guidelines

No further relevant information available.

Section 8: Exposure controls/Personal protection

8.1 Parameters to be monitored

Occupational exposure limit values and/or biological limit values Occupational exposure limit values (OEL)

Not applicable

Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

8.2 Limitation and monitoring of exposure

Personal protective equipment

General protective and hygienic measures

After processing the product, use a greasy hand cream.

Eye/face protection

When refilling, it is advisable to wear tight fitting safety goggles.

Skin protection

Hand gloves

With full contact:
Glove material: Nitrile rubber
Layer thickness (mm): ≥ 4 mm
Penetration time (min.): > 480 minutes

In splash contact:

Glove material: Nitrile rubber
Layer thickness (mm): ≥ 4 mm
Penetration time (min.): > 480 minutes

Other skin protection

butyl rubber
Fluoro rubber (Viton)
PVC gloves.

Gloves made of the following materials are not suitable

No other relevant information available.

Respiratory protection

Not required.

Body protection

Work protective clothing

Limitation and monitoring of environmental exposure

See Section 6 and 7

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
- Physical state:	Liquid
- Colour:	According to product designation
Odour:	Characteristic
Odour threshold:	Not specified
pH-value:	8.0 ± 0.5 (DIN 19261)
Melting point/Freezing point:	Not specified
Initial boiling point and boiling range:	Not specified
Flash point:	Not applicable
Evaporation rate:	Not specified
Flammability (solid, gaseous): upper/lower flammability or explosive limits:	This substance is not flammable. Not applicable
Vapour pressure:	23 hPa (calculated)

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Vapor density:	Not specified
Density:	1.05 g/cm ³ ± 0.1 g/cm ³
Solubility:	Fully miscible
Partition coefficient:	Not specified
n-octanol/water:	Not specified
Autoignition temperature:	Not applicable
Decomposition temperature:	Not specified
Viscosity:	Not specified
Explosive properties:	The product / substance is not explosive.
Oxidizing properties:	Not specified

9.2 Other information

No further relevant information available.

Abschnitt 10: Stabilität und Reaktivität

10.1 Reaktivität

No further relevant information available.

10.2 Chemical stability

No decomposition when used as intended.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

Section 11: Toxicological information

11.1 Information on toxicological effects

The mixture is not tested as such. The preparation is classified according to the conventional method (calculation method of Regulation (EC) No 1272/2008) and toxicological hazards.

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion / irritation

No irritant effect on the skin known.

Serious eye damage / irritation

Causes eye discomfort.

Sensitization of the respiratory tract/skin

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met.

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Result of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No further relevant information available.

Section 13: Disposal information

13.1 Waste treatment methods

Recycling by treatment or landfill according to legal and local regulations.
Smaller quantities can be disposed of together with household waste.

Treatment of contaminated packaging

Dispose according to official regulations.

Waste code according to Waste Catalog Ordinance (AVV)

080112 paint and paint waste except for those falling under 08 01 11

Section 14: Transport information

14.1 UN-Number

Not applicable

14.2 Proper UN shipping name;

ADR/RID

Not applicable

IMDG-Code / ICAO-TI / IATA-DGR

Not applicable

14.3 Transport risk classes

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

Environmentally hazardous substances

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: yes / no
Marine Pollutant: yes / no

14.6 Special precautions for the user!

See Section 6 - 8

14.7 Bulk cargo transportation in accordance with Annex II of the MARPOL Convention and the IBC Code

Not applicable

Section 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Regulation (EC) No 2037/2000 (substances that deplete the ozone layer):
Not applicable

Regulation (EC) No 850/2004 (persistent organic pollutants):
Not applicable

Regulation (EC) No 689/2008 (export and import of dangerous chemicals):
Not applicable

Regulation (EC) No 648/2004 (Detergents Regulation):
Not applicable

Restrictions under Title VIII of Regulation (EC) No 1907/2006:
Not applicable

Water hazard class
1 slightly hazardous to water

Solvent Ordinance (31. BImSchV)
VOC proportion: 0 (calculated)

15.2 Chemical Safety Assessment

The mixture was not subject to safety assessment

Section 16: Other information

Changes compared to the last version

See Section 1-16

Abbreviations

ADR: European Convention on the International Transport of Dangerous Goods by Road.
AwSV: Regulation on facilities for handling substances that endanger water
BImSchV: Regulation to implement the Federal Import Protection Act
CAS: Chemical Abstracts Service
DIN: Norm of the German Institute for Standardization

Safety Data Sheet according to Regulation (EC) No. 1907/2006



Product: MIG-ESP® Interior
Created on: 03.09.2018
Revised on: 03.09.2018
Valid from: 01.10.2018
Version: 2.0 **Replace version:** 1.0

EC: Effective concentration
EG: European Community
EN: European standard
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
PBT: Persistent, bioaccumulative and Toxic
VPvB: very Persistent and very Bioaccumulative

Methods referred to in Article 9 of Regulation (EC) No 1272/2008 were used to assess the information for classification purposes

Calculation method

Wording of the hazard statements and / or precautionary statements referred to in sections 2 to 15

Training for employees

No training is required for activities involving this hazardous substance.

Further information

This data sheet is intended as a guideline for the proper handling of the product by trained personnel. To the best of our knowledge, the information in this safety data sheet corresponds to our knowledge at the time of printing. They do not constitute an assurance of certain product characteristics and do not establish a contractual legal relationship. It is the responsibility of the user to ensure that all information and properties are consistent with his particular application. The product is designed for a specific application, so the user himself is liable for risks and damages due to other applications. It does not release the user from knowing and using all information about the handling of the product. He is responsible for all measures regarding the use of the product.