

Safety Data Sheet
CMR-790/CMR-790.M Primer for Printed Material
(high-gloss/matt)

according to Regulation (EU) 2015/830

Last Revision: 02.06.20  Version: V-2020-001
HR 1000

SECTION 1

Identification of the substance/mixture and of the company

1.1 Product identifier

CMR-790/CMR-790.M

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

Relevant identified uses:

Primer for printed material

1.3 Details of the supplier of the safety data sheet

| | |
|--------------------------|--|
| Manufacturer/Distributor | CMR Coatings GmbH |
| Address/POB | Wilhelmstr. 8 |
| IVR/ZIP/Place | D-32602 Vlotho |
| E-Mail | info@cmr-coatings.de |
| Telephone | +49 (0) 57 33 – 96 35 – 260 |
| Fax | +49 (0) 57 33 – 96 35 – 263 |
| Department of MSDS | info@cmr-coatings.de |

1.4 Emergency telephone number

+49 (0) 57 33 – 96 35 – 260 (Monday - Friday, 8:00 - 16:00)

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008 [CLP].

For the full text of the hazard statements listed in this section, see section 16.

2.2 Label elements

none

Code: -

Signal word: -

Hazard statements

none

Precautionary statements

none

Further hazard statements

EUH208: Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). 1,2-benzisothiazol-3(2H)-one
May produce an allergic reaction.

Additional information for labelling

EUH210 Safety data sheet available on request.

2.3 Other hazards

The results of the PBT and vPvB assessment can be found in subsection 12.5.

SECTION 3 Composition/information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Aqueous plastic dispersion with additives.

Composition / information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

The wording of the classification codes is in section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

| | |
|-----------------------|--|
| General advice | Consult a physician. Show this safety data sheet to the doctor in attendance. |
| If inhaled | Remove the person to fresh air, in case of indisposition obtain medical advice. |
| Skin contact | Take off contaminated clothing. Wash off affected skin with plenty of water using soap in case of indisposition obtain medical advice. |
| Eye contact | Spreading the eyelids, rinse thoroughly under running water, see an eye specialist. |

If swallowed Never fuse anything through the mouth of an unconscious person.
Do not induce vomiting if swallowed - see a physician.
Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, CO₂, dry chemical, foam.

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition to carbon monoxide,
Carbon dioxide, (dense) black smoke, aldehydes, organic acids.

5.3 Advice for firefighters

Tightly closing fireproof clothing and oxygen apparatus.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See section 8 "Exposures controls/personal protection".

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow the product to enter waters.
Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Pick up with an inert absorbable material and dispose according to local regulations, unless otherwise usable.

6.4 Reference to other sections

For disposal, see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Keep container cool and tightly closed, take care of sufficient ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep away container from strong oxidising agents. Cool endangered containers with sprinkling water.

Keep away from frost.

7.3 Specific end uses

No data available.

SECTION 8

Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters (2000/39/EC)

No exposure limit value known.

Components with workplace control parameters

(TRGS 900 Germany)

No exposure limit value known.

Components with biological limit values (TRGS 903 Germany)

No exposure limit value known.

DNEL:

No DNELs/DMELs available.

PNEC:

No PNECs available.

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with the skin and the eyes. When using do not eat, drink or smoke; preventive skin protection.

Personal protective equipment

Respiratory protection No special measures are necessary.

Eye protection Tightly sealed goggles recommended.
Wear face protection if there is a risk of splashing.

Skin protection Wear suitable protective gloves. Observe the information provided by the manufacturer in regard to permeability and breakthrough time as well as the special conditions at the workplace (mechanical stress, contact duration). Protective gloves should be replaced at the first signs of wear.

Material: Nitril rubber
Breakthrough time: 240 - 480min
Glove thickness: 0,5mm

Body Protection Solvent-resistant protective clothing made of rubber or plastic is recommended. Wear a rubber apron if there is a risk of splashing.

8.3 Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not allow the product to enter waters. Discharge into the environment must be avoided.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

| | | | |
|--|-----------------|------------------------------|-----------|
| Aggregate state: | | liquid | |
| Colour: | | yellowish translucent liquid | |
| Odour: | | mild | |
| Melting point/freezing point: | | Not available. | |
| Initial boiling point/boiling range: | | 100 °C | |
| Flash point: | | > 100 °C | |
| Flammability: | | Not applicable. | |
| Ignition temperature: | | Not applicable. | |
| Auto flammability: | | Not applicable. | |
| Oxidising properties: | | Not applicable. | |
| Explosive properties: | | Not applicable. | |
| Explosion limits: | lower | Not applicable. | |
| | upper | Not applicable. | |
| Water solubility: | (T = 20 °C) | Dispersible in each ratio. | |
| Vapour pressure: | (T = 20 °C) | 2.3 kPa | |
| Vapour density (air = 1): | | Not available. | |
| Partition coefficient (n-octanol/water): | | Not available. | |
| Solids content | | 36 - 40 % | |
| Density: | (T = 20 °C) | 1.05 g/cm ³ | |
| pH value: | (T = 20 °C) | 7.0 - 8.0 | |
| Viscosity (kin., 4 mm DIN flow cup): | (bei T = 20 °C) | 18 - 20 s | CMR-790 |
| Viscosity (kin., 4 mm DIN flow cup): | (bei T = 20 °C) | 21 - 25 s | CMR-790.M |
| Separation of solvent: | | Not applicable. | |
| Volatiles/VOC: | | < 1 % | |
| Evaporation rate: | | Not available. | |

9.2 Other information

No data available.

SECTION 10 Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

This product is stable.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Frost, heat

10.5 Incompatible materials

Strong oxidizing agents, strong acids, strong reducing agents

10.6 Hazardous decomposition products

In case of fire only, see section 5.2.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Mixture

No data available.

Components

No data available.

Skin corrosion/irritation

Mixture

No data available.

Components

No data available.

Serious eye damage/irritation

Mixture

No data available.

Components

No data available.

Respiratory or skin sensitisation

Mixture

No data available.

Components

No data available.

Germ cell mutagenicity

Mixture

No data available.

Components

No data available.

Carcinogenicity

Mixture

No data available.

Components

No data available.

Reproductive toxicity

Mixture

No data available.

Components

No data available.

Specific Target Organ Toxicity - single exposure

Mixture

No data available.

Components

No data available.

Specific Target Organ Toxicity - repeated exposure

Mixture

No data available.

Components

No data available.

Aspiration hazard

Mixture

No data available.

Components

No data available.

Other information

No data available.

11.2 Additional information

No data available.

SECTION 12 Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

According to the available statements the criteria are not fulfilled for the classification as a PBT or vPvB.

12.6 Other adverse effects

Spilling product harms waters by high consumption of oxygen and general pollution impact.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

No dangerous waste according to the European waste catalogue (2008/98/EG). If recycling is not possible, wastes must be eliminated according to the provisions of the local authorities.

Do not dispose by the sewage.

List of proposed waste codes/waste designations in accordance with EWC

080111* Waste paint and varnish containing organic solvents or other dangerous substances

*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14 Transport information

14.1 UN number

Not applicable.

14.2 Proper shipping name

ADR/RID / IMDG / IATA

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Labelling of environmentally dangerous substances

| | |
|-----------------------|-----------------|
| ADR/RID / IMDG / IATA | Not applicable. |
| Marine Pollutant | Not applicable. |

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15 Regulatory information

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

Provisions of the EU

Denomination in Annex I of the Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

Not applicable.

Regulation (EU) No 528/2012 for the marketing of biocidal products

Not applicable.

Regulation (EC) No 648/2004 (Regulation concerning detergents)

Not applicable.

Directive 1999/13/EC for the limitation of emissions of volatile organic compounds

Not applicable.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding

Not applicable.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Not applicable.

Directive 94/33/EC on the protection of young people at work

Not applicable.

German regulations

Technical instructions on maintaining air purity (TA Luft)

TA-Luft No. 5.2.5: 43.2%
 TA-Luft Klasse I - Nummer 5.2.5: 0.6%

Water hazard class

WGK 1 (low hazardous to waters)

Storage class according to TRGS 510

LGK 10

AOX The product contains organically bound halogens and can contribute to the AOX value (adsorbable organically bound halogens) in the waste water.

Other regulations, restrictions and prohibition ordinances
 Not applicable.

15.2 Chemical safety assessment

This mixture was not subject to a safety assessment.

SECTION 16 Other information

The wording of the classification codes of section 3

Not applicable.

The classification codes only apply to the pure substances and do not declare necessarily the classification of the mixture. The classification and the labelling of the mixture are specified in section 2.

Abbreviations

| | |
|----------|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| AOX | adsorbable organically bound halogens |
| CLP | Classification, Labelling and Packaging of substances and mixtures |
| DNEL | Derived no-effect level |
| EC | European Community |
| EC-No. | Registration number of the "European Inventory of Existing Chemical Substances" (EINECS) |
| EU | European Union. |
| EWG | European Economic Community |
| IATA | International Air Transport Association |
| IBC-Code | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| IMDG | International Maritime Code for Dangerous Goods |
| LGK | Storage class. |
| MARPOL | International Convention for the Prevention of Marine Pollution from Ships |
| PBT | Persistent, bioaccumulative and toxic. |
| PNEC | predicted no effect concentration |
| RID | Convention concerning International Carriage by Rail |
| TA | Technical instructions |
| TRGS | Technical regulation for dangerous substances. |
| UN | United Nations |
| vPvB | Very persistent and very bioaccumulative. |
| WGK | Water hazard class. |

Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1.

It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

We exclude each liability for damages, that can appear in improper intercourse or contact with these chemicals.

This security data sheet replaces all previous editions. Validly from edition date.

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