



SAFETY DATA SHEET (SDS) - ISORYX Primer Coating

According to Regulation (EC) No 1907/2006, Article 31

ISORYX Primer Coating

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

1.1 Product identifier

- **Product name:** ISORYX Primer Coating

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

- **Identified uses:** Primer for various substrates.
- **Uses advised against:** No further relevant information available.

1.3 Details of the supplier of the safety data sheet

- **Manufacturer/Supplier:**
ISORYX GmbH
Daneckerstr. 71
D-72458 Albstadt
Email: info@isoryx.com

1.4 Emergency telephone number

In case of emergency, contact local or national emergency numbers in your country.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP): The product is not classified as hazardous under CLP.

2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008:** Not applicable.
- **Hazard pictograms:** Not applicable.
- **Signal word:** Not applicable.
- **Hazard statements:** Not applicable.

Additional information:

- EUH208: Contains 5-Chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1). May produce an allergic reaction.
- EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe aerosol or mist.

2.3 Other hazards

- **PBT and vPvB assessment:**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable.

3.2 Mixtures

- **Description:** Aqueous dispersion of polymers and fillers.
- **Hazardous ingredients:** Not applicable.

SECTION 4: First aid measures

4.1 Description of first aid measures

- **General information:**
 - Ensure self-protection of the first aider.
 - Remove affected persons from the danger area.
 - If symptoms occur, seek medical attention and present this safety data sheet.
- **After inhalation:**
 - Provide fresh air.
 - Seek medical attention if discomfort persists.
- **After skin contact:**
 - Rinse thoroughly with water.
 - Seek medical attention if irritation persists.
- **After eye contact:**

- Rinse eyes thoroughly under running water for several minutes while keeping eyelids open.
- **After ingestion:**
 - Rinse mouth and drink plenty of water.
 - Do not induce vomiting; seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Symptomatic treatment.
 - For ingestion or inhalation of large amounts, contact a poison control center immediately.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- **Suitable extinguishing agents:**
 - Coordinate firefighting measures to the surrounding environment.

5.2 Special hazards arising from the substance or mixture

- No further relevant information available.

5.3 Advice for firefighters

- **Protective equipment:**
 - Wear protective gear appropriate for surrounding fire conditions.

Additional information:

- Collect contaminated firefighting water separately.
- Do not discharge into the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

- Wear personal protective clothing.

6.2 Environmental precautions

- Prevent the product from entering drains, surface water, or groundwater.
 - Notify authorities if contamination occurs.

6.3 Methods and material for containment and cleaning up

- Absorb with liquid-binding materials (e.g., sand, diatomaceous earth, universal binders, sawdust).
 - Dispose of the material in accordance with regulations.

6.4 Reference to other sections

- For disposal information, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Store in tightly sealed containers in a cool and dry place.
- **Information about fire and explosion protection:**
 - No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

- **Requirements for storage areas and containers:**
 - Keep in a cool location.
 - Store only in the original container.
- **Further storage information:**
 - Protect from frost.
 - Store in a cool, dry place at temperatures between +5 °C and +30 °C.

7.3 Specific end use(s)

- No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- This product does not contain significant amounts of substances with occupational exposure limits.

8.2 Exposure controls

- **General protective and hygienic measures:**
 - Avoid skin and eye contact.
 - Wash hands before breaks and after use.
 - Apply moisturizing skin cream after handling the product.
- **Respiratory protection:**
 - Not required under normal use conditions.
- **Hand protection:**
 - Protective gloves compliant with EN 374.

- Nitrile rubber recommended with breakthrough time of at least 480 minutes.
- **Eye protection:**
 - Protective goggles compliant with EN 166:2001 recommended.
- **Body protection:**
 - Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Form:**
 - Liquid
- **Color:**
 - As specified for the product
- **Odor:**
 - Slight, characteristic
- **pH value at 20 °C:**
 - ~8 (DIN 19261)
- **Boiling point/range:**
 - Not determined
- **Flashpoint:**
 - Not applicable
- **Density:**
 - Not determined
- **Solubility in water:**
 - Fully miscible

9.2 Other information:

- No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

- No relevant information available.

10.2 Chemical stability:

- No decomposition under recommended use conditions.

10.3 Possibility of hazardous reactions:

- None known.

10.4 Conditions to avoid:

- No relevant information available.

10.5 Incompatible materials:

- No relevant information available.

10.6 Hazardous decomposition products:

- None known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- **Acute toxicity:**
 - Based on available data, the classification criteria are not met.
- **Primary irritation effect:**
 - **Skin corrosion/irritation:** No data available.
 - **Serious eye damage/irritation:** Causes eye discomfort.
- **Respiratory or skin sensitization:**
 - Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
 - **CMR effects (carcinogenicity, mutagenicity, reproductive toxicity):**
 - **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 (STOT) - single exposure:**
 - Based on available data, the classification criteria are not met.
 - **Specific target organ toxicity (STOT) - 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

- **Aquatic 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.

Additional ecological information:

- **General notes:**
 - Water hazard class 1 (self-assessment): slightly hazardous to water.
 - Do not allow undiluted product or large quantities to reach groundwater, water bodies, or sewage systems.

12.5 Results of PBT and vPvB assessment

- **PBT:**
 - Not applicable.
- **vPvB:**
 - Not applicable.

12.6 Other adverse effects

- No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- **Recommendation:**
 - Observe local official regulations.
 - Do not dispose of together with household waste.
 - Do not allow product to reach sewage systems.
- **European Waste Catalogue (EWC):**
 - Possible waste code depends on the source of the waste:
 - 08 00 00: WASTES FROM MFSU OF COATINGS (PAINTS, VARNISHES, AND GLASS), ADHESIVES, SEALANTS, AND PRINTING INKS.
 - 08 01 00: Wastes from MFSU and removal of paint and varnish.
 - 08 01 20: Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.
- **Uncleaned packaging:**
 - **Recommendation:**
 - Contaminated packaging should be emptied optimally and can then, after proper cleaning, be reused.
 - **Recommended cleaning agent:**
 - Water, if necessary with cleaning agents.

SECTION 14: Transport information

14.1 UN number or ID number:

- ADR, ADN, IMDG, IATA: Not applicable.

14.2 UN proper shipping name:

- ADR, ADN, IMDG, IATA: Not applicable.

14.3 Transport hazard class(es):

- ADR, ADN, IMDG, IATA:
 - Class: Not applicable.

14.4 Packing group:

- ADR, IMDG, IATA: Not applicable.

14.5 Environmental hazards:

- Marine pollutant: No.

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.

Transport/additional information:

- Not a hazardous good under the above regulations.

UN "Model Regulation":

- Not applicable.

SECTION 15: Regulatory information

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

- **Directive 2004/42/EC (Decopaint Directive):**
 - **Product type:** Paints and coatings.
 - **Subcategory:** Primers.
 - **Maximum permitted limit (water-based):** 30 g/l.
- **Directive 2012/18/EU:**
 - Named dangerous substances - **ANNEX I:** None of the ingredients are listed.

- **Directive 2011/65/EU (RoHS):**
 - Restriction on the use of hazardous substances in electrical and electronic equipment - **ANNEX II:** None of the ingredients are listed.
- **Regulation (EU) 2019/1148:**
 - **ANNEX I - Restricted explosives precursors:** None of the ingredients are listed.
 - **ANNEX II - Reportable explosives precursors:** None of the ingredients are listed.
- **Regulation (EC) No 273/2004:**
 - Relating to drug precursors: None of the ingredients are listed.
- **Regulation (EC) No 111/2005:**
 - Rules for the monitoring of trade in drug precursors between the Community and third countries: None of the ingredients are listed.

National regulations:

- **Water hazard class (WGK):**
 - 1 (self-assessment): Slightly hazardous to water.

15.2 Chemical safety assessment:

- A chemical safety assessment has not been carried out for this product.

SECTION 16: Other information

The information provided in this document is based on our current knowledge but does not constitute a guarantee of product properties or create any legal contractual relationship.

Date of previous version: 10.05.2024.

Version number of previous version: 2 (en).

Abbreviations and acronyms:

- **RID:** Regulations Concerning the International Transport of Dangerous Goods by Rail.
- **ICAO:** International Civil Aviation Organisation.
- **CLP:** Classification, Labelling, and Packaging (Regulation (EC) No 1272/2008).
- **REACH:** Registration, Evaluation, Authorisation, and Restriction of Chemicals (Regulation (EC) No 1907/2006).
- **ADR:** European Agreement Concerning the International Carriage of Dangerous Goods by Road.
- **IMDG:** International Maritime Code for Dangerous Goods.
- **IATA:** International Air Transport Association.
- **GHS:** Globally Harmonized System of Classification and Labelling of Chemicals.
- **EINECS:** European Inventory of Existing Commercial Chemical Substances.
- **ELINCS:** European List of Notified Chemical Substances.
- **CAS:** Chemical Abstracts Service (division of the American Chemical Society).
- **VOC:** Volatile Organic Compounds (USA, EU).

- **PBT:** Persistent, Bioaccumulative, and Toxic.
- **vPvB:** Very Persistent and Very Bioaccumulative.

Additional note: This document is specifically designed to comply with the regulations of the European Union. For countries outside the EU, additional tests or specific verifications may be necessary to ensure compliance with local regulations.