

MATERIAL SAFETY DATA SHEET

According to (EU) 2020/878

BALITURA Oxy Metallo

decorative paint®
Balitura

Revision date: 20.05.2025

Issue: 1

Pages (number): 8

1. Identification of the Substance/Mixture and of the Company

1.1. Product identifier – Oxy Metallo

FH20-F09D-P007-0834

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

Acrylic interior paint.

1.3. Details of the supplier of the safety data sheet

TERAZID Ltd.

5, 5004 Street, Gara Iskar, 1528 Sofia, Bulgaria
tel. +3592/9799971, office@terazid.com

1.4. Emergency telephone number:

UMHATEM "Pirogov" (toxicology):

UMHATEM "Pirogov" (ER):

Hours of operation – 24/7

112

+359 2/ 915 44 11

+359 2/ 915 42 33; +359 2/ 915 42 13

pirogov@pirogov.bg www.pirogov.eu

2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification in according to Regulation (EC) 1272/2008 - CLP:

The mixture is not classified as hazardous, according to Regulation (EC) 1272/2008 - CLP.

2.2. Label elements

Precautionary statements:

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children.

P262 – Do not get in eyes, on skin, or on clothing.

P280 – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301 + P311 – IF SWALLOWED: call a POISON CENTER/doctor/or doctor/physician.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

2.3. Other hazards

None.

3. Composition/information on ingredients

3.1 Substances – N/A.

3.2 Mixtures

General chemical description: Acrylic-polymer dispersion, containing pigments and modified additives, which are not classified as hazardous, according to Regulation (EC) 1272/2008 - CLP.

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Information on hazardous ingredients according to Regulation (EC) 1272/2008 – CLP:

CAS №	EO №	Ingredient name	Content %	Signal word	H-codes
55965-84-9	611-341-5	5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	≤ 0,005 %	Danger 	H301, H311, H314, H317, H331, H400, H410
3586-55-8	222-720-6	1,6-dihydroxy-2,5-dioxahexane	≤ 0,015 %	Danger 	H302, H315, H318, H332
124-68-5	204-709-8	2-amino-2-ethylpropanol	≤ 0,0025 %	Warning 	H315, H319, H412

4. First aid measures

4.1. Description of first aid measures

General notes – No special protective equipment is required for the first aider. In case of necessity, get medical attention.

Inhalation – Remove the victim to fresh air. If the symptoms remain, get qualified medical attention.

Skin contact – Wash the contact area with soap and water. Remove the contaminated clothing.

Eye contact – Rinse with plenty of water for a period of at least 15 minutes and open eyelid. Remove contact lenses, if present. Continue rinsing with water. In case of necessity, get medical attention (ophthalmologist).

Ingestion – Wash the mouth and the throat. Drink plenty of water. Get qualified medical attention (toxicology).

4.2. Most important symptoms and effects, both acute and delayed

Under normal and correct exploitation, the mixture is not dangerous for human health. There are no known symptoms and effects occurring after a certain period of time or those with a long-lasting effect.

4.3. Indication of any immediate medical attention and special treatment needed – see 4.1.

In case of accident or unwellness, get medical attention immediately (show the label or material safety data sheet if possible).

5. Firefighting measures

Oxy Metallo is **non-combustible and non-explosive product.**

5.1. Extinguishing media

Suitable extinguishing media: Suitable for the surrounding environment and the type of fire - water mist, water spray, foam, carbon dioxide.

Unsuitable extinguishing media: Water under pressure.

5.2. Special hazards, arising from the substance or mixture

Non-known. The mixture is non-combustible and non-explosive.

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5.3. Advice for firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus. Separately collect the contaminated water from extinguishing the fire, so that it does not enter the sewage system. Move undamaged packages out of the danger area, if it is possible and safely.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear personal protective equipment - gloves, masks, protective work clothing. Avoid contact with eyes and skin.

6.1.2. For emergency responders

No special measures are required.

6.2. Environmental precautions

Do not allow to be released in the environment. Take measures to prevent pollution of surface and underground water, soil, as well as discharge into the sewers.

6.3. Methods and material for containment and cleaning up

In case of an accident and/or spill of the product, measures for its localization and limitation should be taken. Remove the spilled amount mechanically (bran, sand) and store it temporarily in special, tightly closed and labelled containers. After that it should be handed over to persons, holding a permit in accordance with Article 37 of the Waste Management Act.

7. Handling and Storage

7.1. Precautions for safe handling

Use the product only for its main purpose. Do not eat, drink or smoke while working with the product. Avoid skin and eye contact. Wash hands thoroughly after use. Do not allow to be released in the environment or the sewer system.

7.2. Conditions for safe storage, including any incompatibilities

Store in the well-closed original containers. Protect from freezing and direct sunlight. Temperatures lower than +5 °C and higher than +40 °C should be avoided. Store away from food and drinks.

7.3. Specific Usage - There is no specific usage.

8. Exposure Controls/Personal Protection

8.1. Control parameters

Derived no-effect level (DNEL) – No data.

Predicted no-effect concentration (PNEC) – No data.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide suitable ventilation (or other engineering controls).

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8.2.2. Personal protective equipment

8.2.2.1. Eye and face protection		Avoid contact with eyes. Use tight-fitting safety glasses.
8.2.2.2. Skin protection		Use nitrile rubber or butyl rubber protective gloves (EN 374). Observe the term of use (≤ 480 min.). Replace regularly when expired or damaged.
8.2.2.3. Respiratory protection		It is not necessary when working under normal conditions (ventilation provided).

8.2.3. Environmental exposure controls

No special measures are necessary. Do not allow to be released in surface and underground water, soil or the sewer system.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

- a) Physical state – liquid
- b) Colour – by catalogue
- c) Odour – weak, specific
- d) Melting point/freezing point – N/A
- e) Initial boiling point and boiling range – N/A
- f) Flammability – the mixture is non-combustible
- g) Upper/lower flammability or explosive limits – N/A
- h) Flash point – N/A
- i) Auto-ignition temperature – N/A
- j) Decomposition temperature – N/A
- k) pH (20 °C) – 7,0
- l) Viscosity – 13000 mPa.s
- m) Solubility in water – soluble
- n) Partition coefficient: n-octanol/water – N/A
- o) Vapour pressure – N/A
- p) Density or relative density – ≈ 1.5 g/cm³ (density)
- q) Vapour density – N/A
- r) Explosive properties - the mixture is non-explosive
- s) Particle characteristics – N/A

9.2. Other information – No data.

10. Stability and reactivity

10.1. Reactivity – No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability – The product is stable, under normal conditions of storage and use.

10.3. Possibility of hazardous reactions – Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid – Protect from freezing and direct sunlight during storage and transportation.

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10.5. Incompatible materials – Acids.

10.6. Hazardous decomposition products – Does not decompose into hazardous products.

11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) 1272/2008 - CLP

The toxicological properties of the mixture have not been tested and is classified according to the conventional method according to Regulation (EC) 1272/2008 - CLP. Based on the composition, the mixture can be determined to have no toxic effect when used properly.

Acute toxicity (dermal) – No data.

Acute toxicity (inhalation) – No data.

Acute toxicity (oral) – No data.

Skin irritation/Corrosion – The mixture is non-corrosive and does not irritate the skin.

Serious eye damage/eye irritation – Prolonged contact may cause eye irritation.

Respiratory or skin sensitization – After repeated contact with the skin, an allergic reaction cannot be excluded.

No indication of respiratory tract sensitization. Based on the available data, the mixture is not classified in the "Respiratory sensitization" category.

Mutagenicity – No data.

Carcinogenicity – No data.

Reproductive toxicity – No data.

STOT - specific target organ toxicity (single exposure) – No data.

STOT - specific target organ toxicity (repeated exposure) – No data.

Inhalation hazard – Not applicable. The mixture is not an aerosol.

11.2. Other information

No data.

12. Ecological information

12.1. Toxicity

The mixture has not been tested and is classified based on the calculation method, referring to the properties of individual components.

12.2. Persistence and degradability – The mixture are biodegradable.

12.3. Bio-accumulative potential – No data.

12.4. Mobility in soil – No data.

12.5. Results of PBT and vPvB assessment – The mixture does not meet the criteria for PBT (persistent, bio-accumulative and toxic) and vPvB (very persistent and very bio-accumulative).

12.6. Endocrine disrupting properties – No data.

12.7. Other adverse effects – No data.

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13. Disposal considerations

13.1. Waste treatment methods

Do not dispose in surface water, soil or the sewer system. Do not treat as domestic waste.

Residual quantity or spilled material should be collected in special, tightly closed, labelled containers and temporarily stored. After that it should be handed over to persons, holding a permit in accordance with Article 37 of the Waste Management Act.

Product containers should be emptied completely and treated as plastic packaging waste. Do not reuse the empty containers.

EWC - European Waste Catalogue:

08 01 20 – Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

15 01 02 – Plastic packaging waste.

14. Transport information

It is not dangerous goods according to RID, ADR, ADNR, IMDG, IATA-DGR and no classification is required.

It should be transported under the respective rules for transportation, concerning the respective type of transport and ensuring the safety of the load.

No special precautions are necessary, except those mentioned in point 8.

14.1. UN number or ID number – N/A.

14.2. UN proper shipping name – N/A.

14.3. Transport hazard class(es) – N/A.

14.4. Packing group – N/A.

14.5. Environmental hazards – N/A.

14.6. Special precautions for user – N/A.

14.7. Transport in bulk according to IMO instruments – N/A.

15. Regulatory information

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

Content of volatile organic compounds /VOC/, in accordance with the Ordinance on limiting the emissions of volatile organic compounds in the use of organic solvents in certain paints, varnishes and auto reparatory products, category A, sub point c) **< 30 g/l**

National regulations:

- Law of protection from the harmful Impact of the chemical substances and preparations.
- Environmental protection law.
- Health and safety at work law.
- Regulation №3 on the minimum requirements for safety and protection of the workers when using personal protective equipment at the workplace.
- Waste management law.
- Regulation №2 from 23.07.2014 for waste classification.
- Regulation on the order and the method of classification, labelling and packaging of chemical substances and preparations.

European regulations:

- Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- Regulation (EC) 1272/2008 – CLP from 16th December 2008, concerning the classification, labelling and packaging of substances and mixtures.

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- Regulation (EU) 2020/878 from 18 June 2020, amending Annex II to Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment.

No chemical safety assessment has been performed for the mixture.

16. Other information

16.1. Indication of changes

Format in accordance with Regulation (EU) 2020/878 from 18 June 2020, amending Annex II to Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The mixture is classified according to Regulation (EC) 1272/2008 – CLP from 16th December 2008, concerning the classification, labelling and packaging of substances and mixtures.

16.2 Classification and procedure used to obtain the qualification of mixtures according to Regulation (EC) 1272/2008 - CLP

The mixture is not classified as hazardous.

16.3. Abbreviations and acronyms

ADR/RID	Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR) and the Joint meeting of RID Safety Committee and the Working Party on the Transport of Dangerous Goods
CAS	Chemical Abstracts Service in American Chemical Society
CLP	Regulation (EC) 1272/2008 from 16th December 2008, concerning the classification, labelling and packaging of substances and mixtures
DNEL	Derived no-effect level
ECHA	European Chemicals Agency
EINECS	European Inventory of Existing Chemical Substances
EWG	European Waste Catalogue
FF P	Filtering type „facepiece" for fine particles (single usage)
FM P	Filtering mask for fine particles with filter cartridge
HEPA	Type of high efficiency air filter
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
PBT	Persistent, Bio-accumulative and Toxic
PNEC	Predicted no-effect concentration
REACH	Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
SE	Single exposure
STOT	Specific target organ toxicity
UFI	Unique Formula Identifier
vPvB	Very persistent and Very bio-accumulative

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16.4. Main references and sources of literature data

- (1) ECHA - European Chemicals Agency - <https://echa.europa.eu/>
- (2) ACGIH - American Conference of Government Industrial Hygienists. 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH
- (3) NIOSH - National Institute for Occupational Safety and Health
- (4) ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
- (5) SAX'S - Dangerous Properties of Industrial Materials
- (6) GESTIS - Database of hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)
- (7) Toxnet - Toxicology Data Network

16.5. Hazard and precautionary statements

EUH208 – Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

Precautionary statements:

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children.

P262 – Do not get in eyes, on skin, or on clothing.

P280 – Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301 + P311 – IF SWALLOWED: call a POISON CENTER/doctor/or doctor/physician.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

P401 – Store at a temperature above +5°C.

16.6. Training advice

In addition to the training programs on environment and health and safety of the workers, the companies need to be sure that their workers read, understand and observe the requirements of the MSDS.

16.7. Disclaimer

This safety data sheet and the data inside of it are based on many years of industrial and commercial experience and are fully complied with the current active legislation of the Republic of Bulgaria and the European Union. This safety data sheet is not intended to guarantee any specific properties and qualities of the product. The information inside of it is reliable but, on the circumstance, that the product is used in accordance with the indicated conditions and the application, specified on the package and/or in the technical literature. Responsibility of any other use of the product, including when using it in combination with another product or process is completely under the responsibility of the user. It is understood that the user is responsible for defining the appropriate precautions and for applying the legislation, concerning his own activity.