

MIX MetalSkin Medical®

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

1.1 - Product identifier

Trade name/designation MIX MetalSkin Medical®

Chemical name

Product-type Mixture

Product code 2

UFI: M500-G0T6-D00C-G3DH

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

<u>Relevant identified uses</u>	- Biocide - PT2 - Other paints and coating materials - Non-metal surface treatment products - Metal surface treatment products
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1.3 - Details of the supplier of the safety data sheet

METALSKIN TECHNOLOGIES
ZAE de l'Etang de Thau – D2, Route de Sète
34540 Balaruc les Bains France
Telephone : +33 (0)7 56 97 50 09
CONTACT FDS: info@metalskin.eu

1.4 - Emergency telephone number

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Contains metal in massive form

The substances contained in this article are not dangerous under the presentation form

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements

P102	Keep out of reach of children.
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EUH-phrases

EUH210	Safety data sheet available on request
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2.3 - Other hazards

PBT-substance. - The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition / information on ingredients

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3.1 - Substances

Not applicable

3.2 - Mixtures

- Masse % in the product

Chemical name	No	%	Class(es)	Specific concentration limit
	CAS No. : 7440-50-8 Index No. : EC No. : 231-159-6	50 - 60	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Not applicable
Cross-linked Polyester Resin	CAS No. : Index No. : EC No. :	40 - 50	Not Classified	Not applicable
Phosphore rouge	CAS No. : 7723-14-0 Index No. : 015-002-00-7 EC No. : 231-768-7 REACH No. : 01-2119489913--23	3 - < 5	Aquatic Chronic 3 - H412 Flam. Sol. 1 - H228	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - No special measures are necessary.

Following skin contact - Wash immediately with: Water

After eye contact - Unlikely exposure

After ingestion - unlikely ingestion

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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - Improbable ingestion

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically. Antidotal dispensation.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)
- Foam
- Water spray

Unsuitable extinguishing media - Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No information available.

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Hazardous decomposition products - Phosphorus oxides
- Carbon dioxide (CO₂)

5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.
- Wear a self-contained breathing apparatus and chemical protective clothing.
- Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For emergency responders - none

6.2 - Environmental precautions

- No special measures are necessary.

6.3 - Methods and material for containment and cleaning up

Methods and material for cleaning up - Take up mechanically.

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

7.2 - Conditions for safe storage, including any incompatibilities

- No information available.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - No personal protection equipment is required under normal conditions of use

Environmental exposure controls - Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

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9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Solid	<u>Appearance</u>	Solid
<u>Colour</u>		<u>Odour</u>	Odorless
Odour threshold		No data available	
pH		not applicable	
Melting point		No data available	
Freezing point		not applicable	
Boiling point		not applicable	
Flash point		not applicable	
Evaporation rate		not applicable	
flammability		not applicable	
Lower explosion limit		not applicable	
Upper explosion limit		not applicable	
Vapour pressure		not applicable	
Vapour density		not applicable	
Relative density		not applicable	
Density		No data available	
Solubility (Water)		not soluble	
Solubility (Ethanol)		not soluble	
Solubility (Acetone)		not soluble	
Solubility (Organic solvents)		not soluble	
Log KOC		not applicable	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		not applicable	
Dynamic viscosity		not applicable	

Particle characteristics

Particle size	No data available
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9.2 - Other information

VOC content	0 %
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

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- Heat

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- No information available.

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No information available.

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

- data lacking

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available

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ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	not applicable

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Community or national or regional provisions - No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

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14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

Not applicable

14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content 0 %

- Biocidal product
- Regulation (EU) No. 528/2012 on biocides
- Active substance PT2 Copper CAS 7440-50-92 external surface

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	24/02/2022		

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Flam. Sol. 1	Flammable solid. - Category 1
Not Classified	Not classified

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