

ALADINE SA
ZA DE MONTEPY, 205 RUE DE MONTEPY,
69210 FLEURIEUX SUR L'ARBRESLE, FRANCE

Material Safety Data Sheet

Compliant with
Regulation (EU) 2020/878

Date of issue: 2023-05-31

SECTION1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name: Izink Metal

Product number: 19120/ 19121 / 19122 / 19123 / 19125 / 19126 / 19127 / 19129 / 19130 / 19131

synonyms: Pigment ink pad

Proper shipping name: none

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

Izink Metal

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

Supplier name: ALADINE SA

Address: ZA DE MONTEPY, 205 RUE DE MONTEPY, 69210 FLEURIEUX SUR L'ARBRESLE, FRANCE.

Telephone: + 33 474 721 991 Telefax: + 33 474 721 989

1.4 Emergency telephone number

Emergency information services / official advisory body: Ms. Lydie RAUSSIN

Telephone number of the company in case of emergencies:

Telephone: + 33 474 721 991

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) 2020/878:

The mixture is not classified as dangerous in the terms of the Regulation (EU) 2020/878.

2.2 Label elements

Labeling according to Regulation (EU) 2020/878

Not applicable

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EU) 2020/878 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EU) 2020/878 (< 0,1 %).

SECTION 3: Composition / information on ingredients

3.1 Substances

No applicable

3.2 Mixture

Izink Metal

		19120	19121	19122	19123	19125	19126	19127	19129	19130	19131
Ingredient Name	CAS or CI Number	Gold	Copper	F412B	F463	SL4515	SL4519	F461	F460	F462	SL4629
Castor oil	8001-79-4	44.5	44.5	44	44	44.5	44	44.5	44	44	44
Poly(propylene glycol)	25322-69-4	35	35	35	35	35	35	35	35	35	35
copper	7440-50-8	20	20								
Mica	12001-26-2			20	20	20	20	20	20	20	20
Pigment Red 122	980-26-7		0.5			0.5					
YELLOW HG	77804-81-0	0.5		1							0.5
Blue	147-14-8								1		
Green	1328-53-6									1	0.5
Black	1333-86-4							0.5			
Pigment Red 254	84632-65-5				1						
Purple	6358-30-1						1				
		100	100	100	100	100	100	100	100	100	100

4.1 Description of first aid measures

Inhalation: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

Skin contact: Wash affected area with soap and water. Get medical attention if irritation develops or persists.

Eye contact: In case of contract, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Ingestion: Move victim to fresh air. If not breathing, give artificial respiration, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhaled:

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

Although ingestion is not thought to produce harmful effects (as classified under EC Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses

producing mortality rather than those producing morbidity (disease, ill-health).

Skin contact:

Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material still produce health damage following entry through wounds; lesions or abrasions.

Eye:

Although the material is not thought to irritant (as classified under EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal models). Nevertheless, exposure by all routes should be minimised as a matter of course.

4.3 Indication of any immediate medical attention and special treatment needed

Get medical attention and treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Foam

Dry chemical powder

BCF (where regulations permit).

Carbon dioxide

Water spray or fog-Large fire only

5.2 Special hazards arising from the product

No data available

5.3 Advice for fire-fighters

Alert fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

Do not approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location

Only when safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear chemical goggles and chemical resistant gloves.

6.1.2. For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2 Environmental precautions:

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3 Methods and material for containment and cleaning up

Use appropriate tools to put the splash liquid in suitable container for recovery or disposal.

6.4 Reference to other sections

Refer to section 8 for Protective Equipment advice.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1. Storage conditions: Keep from freezing, store in a cool, dry place. Keep containers tightly closed.

7.2.2. Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2.1, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No special control measure necessary under normal conditions of use.

8.2 Personal Protection

No special protection necessary under normal conditions of use.

8.3 Exposure Guidelines

None established

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state:	No data available
Colour:	No data available
Odour:	No data available
PH:	No data available
Melting point/freezing point (° C):	No data available
Initial boiling point/boiling range:	No data available
Flash point (° C):	No data available
Vapour pressure:	No data available
Vapour density (g/cm ³):	No data available
Water solubility:	No data available
Partition coefficient:	No data available
Auto-ignition temperature (° C):	No data available
Flammability:	No data available
Upper/lower explosive limits:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Dissociation constants:	No data available

Surface tension:

No data available

Viscosity(mm²/s)

No data available

9.2 Other information:

No data available

SECTION10: Stability and Reactivity

10.1 Reactivity

Product is feebly reactive. Product will not undergo dangerous polymerization.

10.2 Chemical stability

The product is stable under normal conditions

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid heat sources, excessive heating and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, there are no hazardous decomposition products.

SECTION11: Toxicological Information

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute toxicity

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

Skin corrosion/ irritation

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

Serious eye damage/ irritation

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

Respiratory or skin sensitisation

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.

STOT- single exposure

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

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.

SECTION12: Ecological Information

12.1Ecotoxicity: Ecotoxicity in water (LC50): 58.5 ppm 96 hours [Trout].

12.2BOD5 and COD: Not available.

12.3Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

12.4Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

12.5 Special Remarks on the Products of Biodegradation: Not available.

SECTION13: Disposal Considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations.

Packaging:

Product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

SECTION14: Transport Information

General: The substance is not a subject to transport regulations on hazardous goods included in ADR (road transport), RID (rail transport), IMDG (marine transport) and ICAO/IATA (air transport).

14.1 UN number

ADR/RID: Non-regulated Material
IMDG: Non- Regulated Material
ICAO/IATA: Non-regulated Material

14.2 Proper shipping name

ADR/RID: Non-regulated Material
IMDG: Non- Regulated Material
ICAO/IATA: Non-regulated Material

14.3 Transport hazard class(es)

ADR/RID: Non-regulated Material
IMDG: Non- Regulated Material
ICAO/IATA: Non-regulated Material

14.4 Packing group

ADR/RID: Non-regulated Material
IMDG: Non- Regulated Material
ICAO/IATA: Non-regulated Material

14.5 Environmental hazards

ADR/RID: Non-regulated Material

IMDG: Non- Regulated Material
ICAO/IATA: Non-regulated Material

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

SECTION15: Regulatory Information

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

Regulation (EU) 2020/878 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC)No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Regulation (EU) 2020/878 of the European Parliament and of the Council of 16 December 2008 on classification,

labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EU) 2020/878 (Text with EEA relevance). Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances. Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations. Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EU) 2020/878 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures (Text with EEA relevance). Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EU) 2020/878 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance). 2008/98/EC of the European Parliament and of the Council of 19. November 2008 on waste. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

Chemical Safety Assessment was carried out for one substance in the mixture.

SECTION16: Other Information

Asp. Tox. 1 Aspiration hazard category 1

H302 Harmful if swallowed.

H413 May cause long lasting harmful effects to aquatic life.

HMIS Rating

Health hazard: 0

Chronic Health Hazard: *

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard:0