

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

MATERIAL SAFETY DATA SHEET

Compliant with
Regulation (EC) No.1907 / 2006 & 1272 / 2008

Date: 2-Feb-25

SECTION 1: Identification of the product and the company/undertaking

- 1.1 Product identifier Metallic Color Pen
Product name: FEUTRE SPECIAL CIRE A CACHETER
Synonyms:
Proper shipping name: none
Item number: 80814 / 80815
- 1.2 Relevant identified uses of the substance or mixture and uses advised against.
Relevant identified uses: No information available at present.
Uses advised against: Advise against other uses
- 1.3 Details of the supplier of the safety data sheet
Supplier: ALADINE SAS
Address: ZA DE MONTEPY, 205 RUE DE MONTEPY,
69210 FLEURIEUX SUR L'ARBRESLE, FRANCE
Contact person: Mr. David Roche
Telephone: + 33 474 721 991
Emergency number: + 33 474 721 991

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture Classification according to the Regulation (EC) 1272/2008 (CLP):
The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).
- 2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)
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 theregulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of theregulation (EC) 1907/2006 (< 0,1 %).

SECTION 3: Composition/information on ingredients

Substance/Mixture:

Water based metallic ink

Ingredient(s):

		Ref# 80814	Ref# 80815
Name	CAS no.	Silver	Gold
Water	7732-18-5	67.96-67.98	67.96-67.98
Vinylpyrrolidone homopolymer	9003-39-8	20.00	20.00
Aluminium	7429-90-5	7.00	4-5
Copper	7440-50-8		2-3
Glycerol	56-81-5	5.00	5.00
2-bromo-2-nitropropan-1,3-diol	52-51-7	0.02-0.04	0.02-0.04
		100.00	100.00

SECTION 4: First Aid Measures

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 contact, 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 dioxideCarbon 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,
- For non-emergency personnel:
- Wear chemical goggles and chemical resistant gloves.
- 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:
- Storage conditions: Keep from freezing, store in a cool, dry place, Keep containers tightly closed.
 - Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.
- 7.3 Specific end uses:
- Apart from the uses mentioned in section1.2.1,no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters: Not available

Appropriate engineering controls:

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

8.2 Personal protective equipment:

Eye-face protection: Wear safety glasses.

Skin protection: Wear protective clothing.

Respiratory protection:

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.

Hand protection: Wear cotton, canvas or leather gloves.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state:	No data available
Color:	No data available
Odor:	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
Vapor pressure:	No data available
Vapor 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(mm ² /s)	No data available

9.2 Other information: No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity: The substance is stable under normal storage and handling conditions.

10.2 Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Contact with incompatible materials. Avoid high temperature.

Incompatible materials:
Hazardous decomposition products:

Strong acid, strong alkali.
Carbon monoxide, acrolein and other aldehydes.

SECTION 11: Toxicological Information

Toxicological information:

Occupational exposure to the substance or mixture may cause adverse effects.

Acute toxicity:

LD50(Oral, Rat):

Not available

LD50(Dermal, Rabbit):

Not available

LD50(Inhalation, Rat):

Not available

Skin corrosion/Irritation:

Not classified

Serious eye damage/irritation:

Not classified

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

STOT-single exposure:

Not classified

STOT-repeated exposure:

Not classified

Aspiration hazard:

Not classified

Other information:

This product has no known adverse effect on human health.

SECTION 12: Ecological Information

12.1 Ecotoxicity: Ecotoxicity in water (LC50):

58.5 ppm 96 hours [Trout].

12.2 BOD5 and COD:

Not available.

12.3 Products of Biodegradation:

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

12.4 Toxicity 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.

SECTION 13: Disposal Considerations

13.1 Disposal methods:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

13.2 Waste from residues/unused products:

Dispose of in accordance with local regulations.

Empty containers or liners may retain some product residues.

This material and its container must be disposed of in a safe manner
(see Disposal instructions).

13.3 Contaminated packaging:

Empty containers should be taken to an approved waste handling site
for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings
even after container is emptied.

SECTION 14: 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.

SECTION 15: Regulatory Information

15.1 U.S. Federal Regulations:

SARA Title III Rules

Section 313 – Toxic Chemical Release Inventory (TRI): None

15.2 U.S. State Regulations:

All ingredients of this product do not appear on the following state Right-To-Know Lists:

-Washington, WAC 173-334-130 (CHCC)

-Chemicals of High Concern to Children,

published by Department of Health, Vermont, Rev date Nov 24, 2014

- High Priority Chemicals of Concern for Children's Health, Oregon, updated on May 18, 2016

-California Proposition 65, updated on Oct 21, 2016

-Chemicals of Concern, published by Maine DEP on July, 2015

SECTION 16: Other Information

User's Responsibility:

Instruct your workers to handle this product properly.

Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

Disclaimer:

Except that the product shall conform to contracted specifications.

No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed.

In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

Training instruction: Not applicable

Further information: This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.

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