

**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-24

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

- 1.1 Product identifier Ink Pad  
Product name: SET 5 ENCREURS  
Synonyms:  
Proper shipping name: none  
Item number: 03927 / 03930 / 03931 / 03938 / 03944 / 03945
- 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 the regulation (EC) 1907/2006 (< 0,1 %).  
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

## SECTION 3: Composition/information on ingredients

Substance/Mixture:

Pigment Ink

Ingredient(s):

		Ref# 03927				
		Ref# 19548	Ref# 19549	Ref# 19532	Ref# 19544	Ref# 19546
Name	CAS no.	Ink Gold	Ink Silver	Ink 032U	Ink 368U	Ink Black
Castor oil	8001-79-4	10	10	54.27	54	58
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7			0.43	3	
Copper	7440-50-8	20				
Aluminum	7429-90-5	10	30			
Polyvinylpyrrolidone	9003-39-8	10	10			
Talc	14807-96-6	5	5			
Water	7732-18-5	10	10			
Pigment Red 122	980-26-7			7.71		
Pigment Yellow 180	77804-81-0			2.59	5	
Pigment Green 7	1328-53-6				3	
Pigment Black	1333-86-4					7
		100.00	100.00	100.00	100.00	100.00

		Ref# 03930				
		Ref# 19547	Ref# 19540	Ref# 19541	Ref# 19530	Ref# 19549
Name	CAS no.	Ink White	Ink 293U	Ink 313U	Ink 310U	Ink Silver
Castor oil	8001-79-4	30	54	59.5	47.37	10
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7	35	7	5	6.83	
Aluminum	7429-90-5					30
Polyvinylpyrrolidone	9003-39-8					10
Talc	14807-96-6					5
Water	7732-18-5					10
Pigment Blue 15	147-14-8		4	0.3	7.23	
Pigment Green 7	1328-53-6			0.2	3.57	
		100.00	100.00	100.00	100.00	100.00

		Ref# 03931				
		Ref# 19532	Ref# 19534	Ref# 19533	Ref# 19543	Ref# 19550
Name	CAS no.	Ink 032U	Ink 165U	Ink 115U	Ink 383U	Ink Copper
Castor oil	8001-79-4	54.27	61	47.48	57	10
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7	0.43	1	0.8		
Copper	7440-50-8					30
Polyvinylpyrrolidone	9003-39-8					10
Talc	14807-96-6					5
Water	7732-18-5					10
Pigment Red 122	980-26-7	7.71	0.55	0.22		
Pigment Yellow 180	77804-81-0	2.59	2.45	16.5	5	
Pigment Green 7	1328-53-6				3	
		100.00	100.00	100.00	100.00	100.00

		Ref# 03938				
		Ref# 19537	Ref# 19535	Ref# 19534	Ref# 19533	Ref# 19544
Name	CAS no.	Ink 2593U	Ink 226U	Ink 165U	Ink 115U	Ink 368U
Castor oil	8001-79-4	59	42.23	61	47.48	54
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7	1	8	1	0.8	3
Pigment Red 122	980-26-7		4.8	0.55	0.22	
Pigment Red 254	84632-65-5	3	9.97			
Pigment Yellow 180	77804-81-0			2.45	16.5	5
Pigment Green 7	1328-53-6					3
Pigment Violet 23	6358-30-1	2				
		100.00	100.00	100.00	100.00	100.00

		Ref# 03944				
		Ref# 19522	Ref# 19521	Ref# 19527	Ref# 19523	Ref# 19531
Name	CAS no.	Ink 162U	Ink 106U	Ink 283U	Ink 1767U	Ink 344U
Castor oil	8001-79-4	45.91	60	57.26	55.65	54.2
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7	15.2		5.2	6.8	10
Pigment Red 122	980-26-7				2.55	
Pigment Yellow 180	77804-81-0	1.36	5			
Pigment Blue 15	147-14-8			2.28		0.3
Pigment Green 7	1328-53-6					0.5
Pigment Orange 16	6505-28-8	2.53				
Pigment Violet 23	6358-30-1			0.26		
		100.00	100.00	100.00	100.00	100.00

		Ref# 03945				
		Ref# 19546	Ref# 19550	Ref# 19548	Ref# 19549	Ref# 19547
Name	CAS no.	Ink Black	Ink Copper	Ink Gold	Ink Silver	Ink White
Castor oil	8001-79-4	58	10	10	10	30
Poly(propylene glycol)	25322-69-4	35	35	35	35	35
Titanium	13463-67-7					35
Copper	7440-50-8		30	20		
Aluminum	7429-90-5			10	30	
Polyvinylpyrrolidone	9003-39-8		10	10	10	
Talc	14807-96-6		5	5	5	
Water	7732-18-5		10	10	10	
Pigment Black	1333-86-4	7				
		100.00	100.00	100.00	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 section 1.2.1, 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).<br>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 <sup>3</sup> ):	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 <sup>2</sup> /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:	Strong acid, strong alkali.
Hazardous decomposition products:	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 licnesed waster 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 ot an approved waste handling site  
for recycling or disposal.  
Since emptied containers many 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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