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Art Alchemy-Metallique Wax

Version number: 1.

# Safety Data Sheet according to Regulation (EC) No1907/2006

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product identifiers:** Art Alchemy-Metallique Wax # 963958,963965,963972,963989,963996,964009,964016,964023

Type of substance: CLP Mixture

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

Wax paste for hobby of adults.

#### 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

STOT SE 3: H336 May cause drowsiness or dizziness

Acute Tox. 4: H302 Harmful if swallowed

Repr. 2: H361 Suspected of damaging fertility or the unborn child

Skin Sens. 1; H317 May cause an allergic skin reaction.

Aquatic Acute 1: H400 Very toxic to aquatic life

Aquatic Chronic 1; H410 Very toxic to aquatic life with long lasting effects

#### 2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:



Signal Word: Danger!

#### **Hazard Statements:**

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness

H361 Suspected of damaging fertility or the unborn child

H410 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

### **Precautionary Statements**

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

#### 2.3 Other hazards:

Results of PBT and vPvB assessment

**PBT:** Not applicable. **vPvB:** Not applicable.

#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.2 Mixture:

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Hazardous Substance(s): Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol CAS nr.

71-43-2)

concentration: 20-40 % EC-No.: 265-150-3 CAS-No.: 64742-48-9 Index-No.: 649-327-00-6

Classification according to Regulation (EC) No 1272/2008: Flam. Liq. 3 H226, Asp. Tox. 1 H304,

STOT SE 3 H336, Aquatic Chronic 3 H412 Registration number : 01-2119457273-39-XXXX

Hazardous Substance(s): fragrance mixture (Butylphenyl methylpropional, D-Limonene, Benzyl

salicylate)

concentration: 5-10%

EC-No.: --CAS-No.: --Index-No. : --

Classification according to Regulation (EC) No 1272/2008: Skin Sens. 1 H317, Repr. 2 H361,

Aquatic Chronic 2 H411

Hazardous Substance(s): Butylphenyl methylpropional

concentration: < 0,5% EC-No.: 201-289-8 CAS-No.: 80-54-6 Index-No.: --

Classification according to Regulation (EC) No 1272/2008: Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Repr. 2, H361; Aquatic Chronic 2, H411 Registration number: 01-2119485965-18-

XXXX

Hazardous Substance(s): D-Limonene

concentration: < 0,5% EC-No.: 227-813-5 CAS-No.: 5989-27-5 Index-No.: 601-029-00-7

Classification according to Regulation (EC) No 1272/2008 Flam. Liq. 3, H226; Skin Irrit. 2, H315;

Skin Sens. 1, H317; Aquatic Acute 1. H400; Aquatic Chronic 1, H410 Registration number: 01-

2119529223-47-0007

Hazardous Substance(s): Benzyl salicylate

concentration: < 0,5% EC-No.: 204-262-9 CAS-No.: 118-58-1 Index-No.: -- Classification according to Regulation (EC) No 1272/2008 Skin Sens. 1, H317; Aquatic Chronic 2,

H411

Registration number: 01-2119969442-31-XXXX

Hazardous Substance(s): Metallic pigment, Brass powder,copper-(7440-50-8)/zinc-(7440-66-6)

alloy/aluminium powder (stabilized)

concentration: 0- 50 % EC-No.: --/231-072-3 CAS-No.: --/7429-90-5 Index-No.: --/013-002-00-1

Classification according to Regulation (EC) No 1272/2008: Flam. Sol. 1 H228, Acute Tox. 4

H302, Aquatic Acute 1 (M = 10) H400, Aquatic Chronic 1 H410

Registration number: --/01-2119529243-45

Refer to Section 16 for full details of the risk phrases, hazard statements and Notas.

#### 4. FIRST AID MEASURES

## 4.1 Description of necessary first-aid measures:

#### General:

Take off immediately all contaminated clothing.

#### Inhalation:

If breathed in, move person into fresh air. In the case of complaints consult a doctor.

#### Eye contact:

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the evelids apart and seek medical advice.

#### Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water.

#### Ingestion:

If accidentally swallowed obtain immediate medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed:

Harmful if swallowed

May cause an allergic skin reaction.

May cause drowsiness or dizziness

May be fatal if swallowed and enters airways.

#### 4.3 Indication of immediate medical attention and special treatment needed:

Symptomatic treatment

## 5. FIREFIGHTING MEASURES

## 5.1 Extinguishing media

## Suitable extinguishing media

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

Not to be used: High power water jet.

### 5.2 Special hazards arising from the substance or mixture

In case of fire carbon dioxide.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency

procedures Avoid contact with skin and eyes.

Do not breathe vapour. Provide adequate ventilation.

## 6.2 Environmental precautions

Do not allow to enter drains or watercourses.

## 6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

#### 6.4 Reference to other sections

For disposal see section 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with eyes, skin, clothing and breathing of its vapours.

Provide good ventilation of working area (local exhaust ventilation if necessary). During processing and handling of the product, comply with the indicative occupational exposure limit values. Always keep in containers of same material as the original one.

## Precautions against fire and explosion:

Avoid open flames. Keep away from sources of ignition. - No smoking.

Take precautionary measures against static discharge.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled containers, protected from light. Keep container dry.

Keep container tightly closed in a cool, well-ventilated place.

Keep only in the original container.

## 7.3 Specific end uses

See section 1.2

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

#### 8.2 Exposure controls

#### Appropriate engineering controls

#### General protective and hygienic measures:

Avoid contact with skin and eyes.

Keep away from sources of ignition.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

Wash clothing before further use.

Keep away from foodstuffs, beverages and feed.

## Personal protective equipment

## Eye/face protection

Safety glasses according to EN 166.

## Skin protection

Protective gloves according to EN 374.

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure.

Material of gloves

Butyl rubber, thickness = 0.5 mm recommended

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### **Body Protection**

Protective clothing according to EN ISO 20345: it will be resistent against solvents.

## Respiratory protection

For a brief period or in the case of a small load, use a filtering apparatus, intense or prolonged exposure to ambient air it is necessary to identify suitable independent breathing apparatus.

## **Environmental exposure controls:**

Do not allow product to reach sewage system or any water course.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance Form: viscous liquid/paste

Colour: depends on pigments Odour: weak,characteristic Water solubility: insoluble

pH: no data

Boiling temperature / boiling range: > 150 C (Naphtha (petroleum), hydrotreated heavy)

Melting point/freezing point Melting point/range: not determined

Vapour pressure: not determined Relative density: not determined Viscosity: not determined Flash point: > 60 C (closed cup) Flammability (solid, gas): not applicable Ignition temperature: not determined

Danger of explosion: Product is not explosive.

Upper explosion limit: not determined Lower explosion limit: not determined

Oxidizing capacity: no data

Autoignition temperature: not determined Decomposition temperature: not determined Partition coefficient: noctanol/water not determined

Evaporation rate: not determined Relative density: not determined **9.2 Other safety information** 

No data available

#### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

No data

#### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

Dangerous reactions of the product are not known.

## 10.4 Conditions to avoid

No further relevant information available.

## 10.5 Incompatible materials

No further relevant information available.

## 10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

There are no data available on the preparation itself. See Sections 2 and 15 for details.

Acute toxicity: Harmful if swallowed.

**Product:** 

## Skin corrosion/irritation

Based on available data, the classification criteria are not met

## Serious eye damage/eye irritation

Based on available data, the classification criteria are not met

### Respiratory or skin sensitization

May cause an allergic skin reaction.

## 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

Suspected of damaging fertility or the unborn child

## Specific target organ toxicity - single exposure

May cause drowsiness or dizziness

### Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met

### **Aspiration hazard**

May be fatal if swallowed and enters airways

## for 64742-48-9 Naphtha (petroleum), hydrotreated heavy

Acute toxicity: LD50 (oral, rat): 5000 mg/kg

LD50 (dermal, rabbit): 3160 mg/kg

Primary irritant effect:

on the skin: No irritant effect. on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

#### 5989-27-5 D-Limonene

INHALATION RISK: There may be no indication about the rate at which it reaches a harmful concentration in the evaporation of this substance at 20 ° C.

EFFECTS OF SHORT-TERM EXPOSURE: The substance irritating to the skin, mildly irritating to eyes

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact

may cause skin sensitization

ACUTE HAZARDS / SYMPTOMS

SKIN Redness. Pain. Redness

LD50 (rat) Oral = 4400 mg/kg

LD50 Dermal (rat or rabbit) = 2000 mg/kg

## Zinc powder - cinc dust (stabilized)

LD50 (rat) Oral > 2000 mg/kg LC50/4h (rat) inhalative > 5,4 mg/l

#### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

There are no data available on the preparation itself..

#### **D-Limonene:**

Aquatic toxicity:

EC50/48 h 0.36 mg/l (daphnia magna) (Vinken R and Wydra V (2007))

EC50/72 h 8 mg/l (desomdemus subspicatus) (Lebertz H 2007)

LC50/96 h 0.72 mg/l (minnows pimephales) (Broderius S (1990))

## 12.2 Persistence and degradability

No further relevant information available.

D-Limonene:

readily biodegradable

## 12.3 Bioaccumulative potential

No further relevant information available.

D-Limonene:

Not bioaccumulative

## 12.4 Mobility in soil

No further relevant information available.

Ecotoxical effects:

Remark: Harmful to fish

## 12.5 Results of PBT and vPvB assessment

Not applicable.

#### 12.6 Other adverse effects

The product is dangerous for the environment as it is toxic to aquatic organisms following acute exposure.

#### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

#### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

#### 14. TRANSPORT INFORMATION

#### ADR/IMDG/IATA

14.1 UN-Number: 3082

14.2 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Metallic pigment)

Tunner restriction code: E

Special provisions: 375: Under 5 I or 5 kg the goods are not subject to the requirements of the

ADR

14.3 Transport hazard class(es): 9

14.4 Packaging group: III

14.5 Environmental hazards: yes

14.6 Special precautions for user: No data available.

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

#### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

According to the local regulation.

## 15.2 Chemical Safety Assessment

Chemical safety assessment has not been carried out.

#### 16. OTHER INFORMATION

## LIST OF RELEVANT H-PHRASES IN SECTION 3

#### **H-Phrases**

H226 Flammable liquid and vapour

**H228** Flammable solid

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

H361 Suspected of damaging fertility or the unborn child

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

**H411** Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue, and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and

operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations.Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.