

# Material Safety Data Sheet

In accordance with 2001/58/EC

**ORGANOMETAL sa**

**Product name: ORGANOC<sub>o</sub> 12**

Date: 25.11.06

Edition:01



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

### Product information

**Trade Name:** ORGANOC<sub>o</sub> 12

**Use:** Paint Drier

**Company:** ORGANOMETAL sa  
**Address:** G Androutsou 5 Koukaki Athens  
**Telephone:** +30 22620 30982  
**Telefax:** +30 22620 56646

Emergency Telephone Number: 210 7793777-9

## 2. COMPOSITION /INFORMATION ON INGREDIENTS

**Chemical nature:** Solution of organometallic cobalt salt in mineral spirit.

	<b>CAS No.</b>	<b>EINECS No.</b>	<b>Concentration</b>	<b>Symbol</b>	<b>R-Phases</b>
Cobalt octoate	136-52-7	205-250-6	71%	Xn	38,20/21
Mineral spirit aliphatic	64742-88-7	265-191-7	29%	Xn,N	10,51/53,65,67

## 3. HAZARDS IDENTIFICATION

**Risk advise to man and the environment** R38 Irritant to skin  
R20/21 Harmful by inhalation and in contact with skin  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects.  
65 Harmful, may cause lung damage if swallowed  
R67 Inhalation may cause sleepiness and dizziness

**Chemical and physical risk:** R10 Flammable

## 4. FIRST AID MESURES

**General Advice:** Take off all contaminated immediately.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

**Skin Contact:** Wash off immediately with soap and plenty of water.

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**Ingestion:** Do not induce vomiting: contains petroleum distillates.

**Notes to physician:** No hazards which require special first aid measures.

## 5. FIRE FIGHTING MESURES

**Suitable extinguishing media:** Foam, water spry.

**Extinguishing media which must not be used for safety reasons:** High volume water jet.

**Specific hazards during fire fighting:** Burning produces irritant fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions:** Do not let product enter drains.

**Methods for cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel Acid binder, universal binder, sawdust).

## 7. HANDLING AND STORAGE

**Handling**  
**Advice on safe handling** Keep away form sources of ignition.  
No smoking.  
When pumping use anti-explosive motors.

**Advice on safe handling:** Keep containers tightly closed in dry and well ventilated place. Keep away form heat.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Mineral spirit

CAS No.: 64742-88-7

EH40 OES / TWA 8 ώρες 575mg/m<sup>3</sup> ή 100 ppm  
EH40 OES / STEL15 λεπτά 720mg/m<sup>3</sup> ή 125 ppm  
OSHA/PEL 2900mg/m<sup>3</sup> ή 500ppm  
ACGIH/TLV 525mg/m<sup>3</sup> ή 100ppm

### Cobalt octoate

CAS No.: 136-52-7

### Personal protective equipment

#### Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.

#### Hand protection:

Suitable gloves.

#### Eye protection:

Wear tightly fitting goggles.

#### Skin and body protection:

Wear long sleeved clothing.

### Additional measures

**Do not drink, eat or smoke when use.**

Avoid contact with the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Form:

Liquid

### Colour:

Blue/read

### Odor:

Characteristic mineral sprit

### pH

-

### Melting point:

-15 °C

### Boiling point:

140 °C

### Ignition temperature:

41 °C

### Lower explosion limit:

0.6% V

### Upper explosion limit:

7% V

### Vapor pressure:

250 mm Hg in 38 °C

### Density:

1.050 gr./cm<sup>3</sup>

### Solubility:

In organic solvents

### Viscosity:

200 mPas

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid:</b>	No decomposition if used as directed.
<b>Materials to avoid:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Carbon oxides, nitrogen oxides (NOx), cobalt substances
<b>Other information:</b>	Polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute oral toxicity

<b>Inhalation:</b>	LD <sub>50</sub> dosage for rat: < 5500 mg/m <sup>3</sup> for 4 hours.
<b>Swallowing:</b>	LD <sub>50</sub> dosage for rat: < 4g/kg
<b>Skin irritation:</b>	LD <sub>50</sub> dosage for rabbit: < 3g/kg
<b>Eye irritation:</b>	0,1 ml dosage for rabbit

## 12. ECOLOGICAL INFORMATION

### Eco toxicity Effects

<b>Acute toxicity (toxicity to fish):</b>	No data available.
<b>Toxicity to bacteria:</b>	No data available.
<b>Toxicity to algae:</b>	No data available.
<b>Bioaccumulation:</b>	No data available.

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## 13. DISPOSAL CONSIDERATIONS

**Product:** Can be incinerated, when in compliance with local regulations

**Unclean Empty Packaging:** Empty containers should be taken for local recycling or Waste disposal.

## 14. TRANSPORT INFORMATION

**ADR/RID:** Class : 3  
**IMCO:** Class : 3.3  
**IATA:** Class : 3  
**Packaging Group:** III  
**UN- No:** 1263  
**Description of the goods:** Flammable Liquid

## 15. REGULATORY INFORMATION

**EU regulations:** 91/155/EK, 93/112/EK και 99/45/EK

**Hazards:** Cobalt octoate

**Symbols**



**Xn**  
**Harmful**



**N**  
**Dangerous for the environment**

**R-phrases**

R10 Flammable  
R20/21 Harmful by inhalation and in contact with skin  
R38 Irritating to skin  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects.  
R 65 Harmful, may cause lung damage if swallowed

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### S-phrases

S36/37 Wear suitable protective clothing and gloves.

S28 Wash off immediately with soap and plenty of water.

S20/21 Do not eat, drink or smoke when using.

National legislation

Notification status: The components of the product are listed in EINECS inventory

## 16. OTHER INFORMATION

The information given herein is based on our present state of knowledge and concern specifically the described material. There is no guarantee when used in combination with other materials or to any fermentation.