

33919-2007  
-40378780-11, 8780-99  
No. of article

Prepared: Dec 20, 2011

Revised: Dec 20, 2011

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Page 1 of 4

**1. Identification of the substance / mixture and of the company**

Identification of the substance or preparation:

*FIMO leaf metal gold, abalone*

Use of the substance/mixture:

FIMO accessoires for hobby purposes.

Company/undertaking identification:

STAEDTLER MARS GmbH & Co. KG  
Moosackerstrasse 3  
90427 Nürnberg  
GERMANY

Telephone: +49-(0)911-9365-0

e-mail address: info@staedtlr.de

Emergency phone: +49-(0)911-9365-731 Only during office hours: Mo - Fr, 8:30 am - 5:00 pm

Responsible for the Material Safety Data Sheet:

Andreas Schäfer, Central dept. environment and product safety

e-mail adress: sdb@staedtlr.de

**2. Hazards Identification**

This product is not dangerous within the meaning of Directives 67/548/EEC and/or 1999/45/EC.

Classification according to Directives 67/548/EEC and 1999/45/EC:

R0 no R-phrases

No hazards known.

**3. Composition / information on ingredients**

This product is an article within the meaning of GHS regulation (EC) no. 1272/2008.

General chemical characterisation:

This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Dangerous components pursuant to REACH-Directive 67/548/EEC:

Name of Substance		
CAS-No.	EC-No.	REACH-No.
Symbol of Danger	R-Phrase	Wt.-%
Copper		
7440-50-8	231-159-6	80 - 90
Zink		
7440-66-6	231-175-3	10 - 20
Nickel		
7440-02-0	231-111-4	< 0,3

Full text of R phrases see heading 16.

**Material Safety Data Sheet****8780-11, 8780-99**  
No. of article

Prepared: Dec 20, 2011

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Page 2 of 4

**4. First aid measures**

Eye contact: Rinse thoroughly with plenty of water and seek medical advice precautionary.  
Ingestion: Non toxic, consult a doctor if swallowed large quantities.  
Inhalation: n. a.

**5. Fire-fighting measures**

Extinguishing media: Special powder for metal fires. Never use water! Dry sand.  
Hazardous decomposition products: Carbon monoxide, carbon dioxide in case of burning

**6. Accidental release measures**

Take up mechanically.

**7. Handling and storage****7.1 Handling**

No special precautions for handling required.

**7.2 Storage**

No special precautions for handling required.

**7.3 Specific use(s)****8. Exposure controls / personal protection****8.1 Exposure limit values**

Name of Substance			CAS-No.
Kind of TLV	Value	Year	Country
Copper			
TLV	1.00 mg/m <sup>3</sup>	1989	GB
Nickel			7440-02-0
TLV	1.00 mg/m <sup>3</sup>	1989	GB

**8.2 Exposure controls**

Eye protection: Not required  
Hand protection: Not required  
Respiratory protection: Not required

**Material Safety Data Sheet****8780-11, 8780-99**

No. of article

Prepared: Dec 20, 2011

Revised: Dec 20, 2011

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Page 3 of 4

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**9. Physical and chemical properties****9.1 General information**

Physical state: solid, malleable  
Colour: copper/gold coloured  
Odour: odourless

**9.2 Important health, safety and environmental information**

Boiling range:	2595 °C	
Melting range:		n.d.
Relative density:	8,55 g/cm <sup>3</sup>	
Vapour pressure:		n.b
Viscosity:		n.a.
pH:		n.a.
Flash point:		n.d.
Auto-ignition temperature:		n.a.
Explosion limit, lower:		n.a.
Explosion limit, upper:		n.a.
Water solubility:	not miscible	

**9.3 Other information**

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**10. Stability and reactivity****10.1 Conditions to avoid****10.2 Materials to avoid**

Conditions and materials to avoid: Not known.

**10.3 Hazardous decomposition products**

Hazardous decomposition products: Carbon monoxide, carbon dioxide, hydrochloric acid in case of burning  
null

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**11. Toxicological information**

No health hazards known.

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**12. Ecological information**

No harmful effects to be expected to the environment in case of intended use and correct disposal.

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**13. Disposal considerations**

Do not empty into drains; dispose of this material and its container in a safe way

**Material Safety Data Sheet****8780-11, 8780-99**  
No. of article

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Page 4 of 4

**14. Transport information**

<b>Way of transportation:</b>	RID/ADR (road/rail):	no dangerous good
	IMDG (sea):	no dangerous good
	ICAO/IATA (air):	no dangerous good
	Marine Pollutant:	no
<b>Details for classification:</b>	UN number:	
	Proper shipping name:	
	Name in german:	
	Class:	
	Packing group:	
	Classificationcode:	
	Technical Name:	
	Source of danger:	

**Other information:**  
(so far necessarily)

**15. Regulatory information**

Labelling according to Directives 67/548/EEC and 1999/45/EC:

**Symbols of Danger:**  
Not to be labelled

**R-Phrase:**  
R0 no R-phrases

**S-Phrase:**  
S0 no S-phrases

**National Laws:**

**Other Laws:**

**16. Other information**

**Shortcuts:**

n.a.: not applicable - n.d.: not determined

**Full text of R phrases in heading 3:**

**Amendments in this safety data sheet:**

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. These products should be stored, handled, and used in conformity with any legal regulation. The information provided above is for general guidance only without responsibility, liability, and warranty on our part and is subject to change without notice.