

# Safety Data Sheet

Acc. to regulation (EC) no. 1907/2006

**8001, 8003, 8004**

No. of article

Prepared: Jan 21, 2014

Revised: Jun 1, 2017

Printed: 12.03.2019, nuernber

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## **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

### **1.1. Product identifier**

FIMO professional

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Relevant applications identified:**

Modelling clay(s) for hobbies and crafts

#### **Applications which are not advised:**

None known

### **1.3 Details of the supplier of the safety data sheet**

STAEDTLER MARS GmbH & Co. KG  
Moosaeckerstrasse 3  
90427 Nuremberg  
GERMANY

Telephone: +49-(0)911-9365-0  
e-mail adress: info@staedtler.com

#### **Responsible for the Safety Data Sheet:**

Andreas Schaefer, Central Department Product Safety  
e-mail adress: sdb@staedtler.com

### **1.4. Emergency telephone number: +49-(0)911-9365-731    Only during office hours: Mo - Fr, 8:30 am - 5:00 pm**

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## **SECTION 2: HAZARDS IDENTIFICATION**

### **2.1 Classification of the substance or mixture**

This product is not dangerous within the meaning of Regulation (EC) No 1272/2008

#### **Classification according to Regulation (EC) No 1272/2008:**

G0B100                      Not subject to mandatory labelling

### **2.2 Label elements**

#### **Label elements according to Regulation (EC) No. 1272/2008 (CLP)**

This product is not dangerous within the meaning of Regulation (EC) No 1272/2008

#### **Classification according to Regulation (EC) No 1272/2008:**

G0B100                      Not subject to mandatory labelling

#### **Signal word:**

n.a.

#### **Hazard determining component(s) for labelling:**

Not applicable

#### **Hazard pictograms:**

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#### **Hazard statements:**

H0                              no H phrases

#### **Precautionary statements:**

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P0

no P phrases

## 2.3. Other hazards

Results of the PBT and vPvB assessment.

- PBT: Not applicable
- vPvB: Not applicable.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

This product is a mixture pursuant to Regulation (EC) 1272/2008

### 3.2. Mixtures

#### General chemical characterisation:

Oven-hardening modelling clay(s) based on polyvinyl chloride, plasticisers, inorganic fillers and colour pigments

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

In case of contact with eyes: Rinse immediately with plenty of water and seek medical advice.

After contact with skin: Rinse with water and soap.

If swallowed: Rinse mouth with water and seek precautionary medical care.

After inhalation: n.a.

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

Toxicologically significant effects not expected at the specified application.

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

No further information available.

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Powder, carbon dioxide, water spray, foam

Unsuitable extinguishing media: Water with full spray

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

Hazardous decomposition products: Carbon monoxide, carbon dioxide in the event of fire

### 5.3 Advice for firefighters

In enclosed spaces, use a self-contained breathing apparatus.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Thoroughly ventilate affected areas.

### 6.2 Environmental precautions

Do not allow to enter sewers / surface water or groundwater.

Do not allow to enter subsoil / soil.

### 6.3 Methods and material for containment and cleaning up

Pick up mechanically and place in suitable containers for disposal.

### 6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on protective equipment.

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See section 13 for information on disposal.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Avoid contact with eyes

Do not eat, drink or smoke when using this product.

Do not leave the oven unattended while hardening the material.

A temperature of 130 °C should not be exceeded during hardening.

#### **Advice on fire and explosion prevention:**

No further relevant information available.

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

#### **Storage:**

Keep container tightly closed. Protect from frost and extreme heat.

Store in a dry place.

#### **Information on storage with other products:**

Not applicable

#### **Further information on the storage conditions:**

No further relevant information available.

#### **Storage class:**

Not applicable

### **7.3 Specific end use(s)**

Only to be used as a creative article.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control parameters**

#### **8.1.1. Limit values for exposure in the workplace and/or biological limit values workplace limit values (AGW) Germany**

Name of Substance			CAS-No.
Kind of TLV	Value	Year	Country

#### **8.1.2.DNEL- and PNEC- values**

No DNEL and PNEC values are available.

#### **8.1.3. Control-Banding (e.g. ILO, EMKG)**

No data on COSHH essentials or the EMKG model from the BAuA is available.

### **8.2. Exposure controls**

#### **8.2.1. Suitable technical control elements**

Only to be used as a creative article.

#### **8.2.2. Individual protective measures – personal protective equipment**

#### **General safety and hygiene measures:**

Keep away from drinks, food and feedingstuffs.

Wash hands before breaks and at the end of the working day.

#### **Breathing protection:**

Reading protection not necessary with proper ventilation.

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## Hand protection:

No further relevant information available.

## Eye protection:

No further relevant information available.

## Body protection:

No further relevant information available.

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## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical state:	solid, malleable	
Colour:	various	
Odour:	poor	
Boiling range:		n.a.
Melting range:		n.a.
Relative density:	1,2 - 1,4	g/cm <sup>3</sup>
Vapour pressure:		n.d.
Viscosity at 20° C:		n.d.
pH:		n.d.
Flash point:		n.a.
Auto-ignition temperature:		n.a.
Explosion limit, lower:		n.a.
Explosion limit, upper:		n.a.
Water solubility:	not miscible	

### **9.2 Other information**

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## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No further information available.

### **10.2. Chemical stability**

No further information available.

### **10.3. Possibility of dangerous reactions**

No further information available.

### **10.4. Conditions to avoid**

No further information available.

### **10.5. Incompatible materials**

No further relevant information available.

### **10.6. Hazardous decomposition products**

Hazardous decomposition products: Carbon monoxide, carbon dioxide in the event of fire

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Primary irritant effect on the skin:

- No irritant effect on the skin known.

Primary irritant effect in the eyes:

- Causes eye irritation.
- Sensitization:
- No sensitising effect on the skin known.
- Toxicologically significant effects not expected at the specified application.

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## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Aquatic toxicity:  
No measurement data is available

### **12.2. Persistence and degradability**

No measurement data is available

### **12.3. Bioaccumulative potential**

No measurement data is available

### **12.4. Mobility in soil**

Do not allow to enter sewers / surface water / groundwater.  
Do not allow to enter subsoil / soil.

### **12.5. Results of PBT and vPvB assessment**

- PBT: Not applicable
- vPvB: Not applicable.

### **12.6. Other adverse effects**

No measurement data is available

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## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

The advice below relates to the product and not to any further processed products. Mixing with other products can require other disposal procedures; in case of doubt, contact the supplier of the product or the local authorities.

#### **Disposal recommendation**

If recycling is not possible, dispose with domestic refuse. Observe all state, federal and local regulations.

#### **Waste code number:**

Since 1.1.1999, waste code numbers are not only related to the product, but generally related to the application. The valid waste code number for the application can be found in the European waste catalogue.

#### **Recommended waste code number:**

No further information available.

#### **Uncleaned packaging:**

If recycling is not possible, dispose with domestic refuse. Observe all state, federal and local regulations.

#### **Recommendation for empty containers**

No further relevant information available.

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## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN-Number**

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### **14.2. UN proper shipping name**

#### **ADR/RID**

No hazardous goods

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## IMDG-Code / ICAO-TI / IATA-DGR

No hazardous goods

### 14.3 Transport hazard class(es)

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### 14.4. Packaging group

-

### Hazard inducers

### 14.5. Environmental hazards

#### Label environmentally hazardous substances

No hazardous goods

### 14.6 Special precautions for user

Not applicable

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

#### Transport/ further information

No hazardous goods

#### UN "Model Regulation"

No hazardous goods

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## **SECTION 15: REGULATORY INFORMATION**

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

National provisions:

- Technical instructions air: No measurement values are available.

Water hazard class: 2 - distinctly water-polluting (self-classification)

REACH (EC) 1907/2006: The main components are preregistered, released or otherwise in conformity.

### 15.2. Chemical Safety Assessment

No substance safety assessment was conducted.

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## **SECTION 16: OTHER INFORMATION**

### Amendments in this safety data sheet

General revision as provided for in Regulation (EC) No 1272/2008

### Abbreviations

n.a = not applicable

n.d.: not determined

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

**As provided for in Regulation (EC) No 1272/2008:**

**Wording of the H phrases in Point 3:**

## Training for employees

Instructions on hazards and protective measures based on the operating instructions (TRGS 555). Instructions must take place at the start of employment and then at least once every year.

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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.