

Safety Data Sheet

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

8020,8022,8023

No. of article

Prepared: Oct 19, 2010

Revised: Nov 27, 2015

Reviewed: Sept 23, 2016

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SECTION 1: Designation of the substance or mixture and the company

1.1. Product identifier

FIMO soft, FIMO effect

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

Modelling clay(s) for hobbies and crafts

1.3. Details of suppliers that provide the safety data sheet

STAEDTLER (Pacific) Pty Ltd
Level 3, 18 Aquatic Drive
FRENCHS FOREST NSW 2086

Telephone: (02) 9971-3500

e-mail address: general@staedtler.com.au

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

Telephone:

+49-(0)911-9365-0

e-mail address:

info@staedtler.de

Responsible for the Safety Data Sheet:

Andreas Schäfer, Central dept. environment and product safety

e-mail address: sdb@staedtler.de

1.4. Emergency telephone number: +49-(0)911-9365-731

SECTION 2: Possible hazards

2.1. Categorisation of the substance or mixture

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

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

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

Not subject to mandatory labelling

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

G0B100

Not subject to mandatory labelling

2.2. Labelling elements

Labelling elements according to Regulation (EC) No. 1272/2008 (substances) / Directive 1999/45/EC (mixtures)

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

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

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

Hazard pictograms:

—

Not subject to mandatory labelling

R-Phrase:

R0

no R phrases

S-Phrase:

S0

no S phrases

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:

—

Hazard statements:

H0 no H phrases

Precautionary statements:

P0 no P phrases

2.3. Other hazards

Results of the PBT and vPvB assessment.

- PBT: Not applicable

- vPvB: Not applicable.

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

SECTION 4: First aid measures

4.1. Description of the first aid measures

After contact with eyes: Thoroughly rinse mouth with water and seek precautionary medical care.

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 acute and delayed symptoms and effects

Toxicologically significant effects not expected at the specified application.

4.3. Advice on medical first aid or specialised medical attention

No further information available.

SECTION 5: Fire-fighting measures

5.1. Extinguishing agents

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

Unsuitable extinguishing media: Water with full spray

5.2. Particular hazards from the substance or mixture

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

5.3. Advice on fire-fighting

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

SECTION 6: Measures on accidental release

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6.1. Personal precautions, protective equipment and procedures to use in the event of an emergency

Thoroughly ventilate affected areas.

6.2. Environmental protection measures

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

Do not allow to enter subsoil / soil.

6.3. Methods and materials for retention and cleaning

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.

See section 13 for information on disposal.

SECTION 7: Handling and storage

7.1. Protective measures 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 under consideration of 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 applications

Only to be used as a creative article.

SECTION 8: Exposure control and monitoring/personal protection

8.1. Parameters to be monitored

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

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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:

Respiratory protection not necessary with proper ventilation.

Hand protection:

No further relevant information available.

Eye protection:

No further relevant information available.

Body protection:

No further relevant information available.

SECTION 9: Physical and chemical properties

9.1. Information on the 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/cm³

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 details

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

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.

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 the soil

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

Do not allow to enter subsoil / soil.

12.5. Results of the PBT and vPvB assessment.

- PBT: Not applicable

- vPvB: Not applicable.

12.6. Other adverse effects

No measurement data is available

SECTION 13: Disposal considerations**13.1. Waste treatment procedure**

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.

SECTION 14: Transport information

14.1. UN number

-

14.2. UN proper shipping name

ADR/RID

No hazardous goods

IMDG-Code / ICAO-TI / IATA-DGR

No hazardous goods

14.3. Transport risk classes

-

14.4. Packaging group

-

Hazard inducers

14.5. Environmental hazards

Label environmentally hazardous substances

No hazardous goods

14.6. Special precautionary measures for users

Not applicable

14.7. Transportation in bulk according to Annex II of the MARPOL 73/78-Regulations and according to the IBC Code

Not applicable

Transport/ further information

No hazardous goods

UN "Model Regulation"

No hazardous goods

SECTION 15: Regulatory framework**15.1. Regulations on safety, health and environmental protection/specific provisions for the substance or mixture**

National provisions:

- Technical instructions air: No measurement values are available.

Water hazard class: 1 - Slightly 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.

SECTION 16: Other details**Amendments in this safety data sheet**

General revision concerning 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

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

Wording of the R phrases, hazard notes, safety phrases and/or safety instructions referred to in Sections 2 to 15

As provided for in Directive 67/548/EEC:

Wording of the R phrases in Point 3:

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.

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.