

Safety Data Sheet

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

8020, 8022

No. of article

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

Identification of the substance or preparation:

FIMO soft, FIMO effect, different colours

Use of the substance/mixture:

Modelling material(s) for hobby purposes

Company/undertaking identification:

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

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Responsible for the Safety Data Sheet:

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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

Overheating by mistake in case of hardening in a oven can release hydrochloric acid as vapour.

3. Composition / information on ingredients

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

General chemical characterisation:

Heat curable modelling clay based on polyvinyl chloride, plasticizer, inorganic fillers and colour pigments

No dangerous substances in declaration-requiring quantities contained.

4. First aid measures

Eye contact: Rinse thoroughly with plenty of water and seek medical advice precautionary.

Skin contact: Wash with water and soap.

Ingestion: Wash out mouth with water and seek medical advice.

Inhalation: Fresh air after inhalation of acrid smelling vapours in case of overheating material by mistake.

5. Fire-fighting measures

Extinguishing media: Powder, carbon dioxide, water spray jet, foam

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

6. Accidental release measures

Collect and reuse or dispose.

In case of overheating by mistake material switch off the oven and ventilate. Ventilate working place in a sufficient manner.

7. Handling and storage

7.1 Handling

When hardening material take care of the oven temperature.
Avoid temperatures over 130 °C when hardening material.
Wash hands after use.

7.2 Storage

Keep away from all sources of heat.

7.3 Specific use(s)

8. Exposure controls / personal protection

8.1 Exposure limit values

No specific exposure limit values known.

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

8.2 Exposure controls

Eye protection: Not required

Hand protection: Not required

Respiratory protection: In case of regular hardening and modelling not required.

9. Physical and chemical properties

9.1 General information

Physical state: solid, malleable

Colour: various

Odour: poor

9.2 Important health, safety and environmental information

Boiling range: n.a.

Melting range: n.a.

Relative density: 1,2 - 1,4 g/cm³

Vapour pressure: n.d.

Viscosity: n.d.

pH: n.a.

Flash point: n.a.

Auto-ignition temperature: n.a.

Explosion limit, lower: n.a.

Explosion limit, upper: n.a.

Water solubility: not miscible

9.3 Other information

10. Stability and reactivity

10.1 Conditions to avoid

Thermal decomposition: Incipient decomposition if temperature > 150 °C.

10.2 Materials to avoid

Conditions and materials to avoid: Not to be expected in the intended use.

10.3 Hazardous decomposition products

Hazardous decomposition products: Hydrochloric acid gas, extremely warning effect (Burning in the eyes and mucous membranes)

11. Toxicological information

No toxic effects if used as intended.

12. Ecological information

No harmful effects to be expected to the environment in case of intended use and correct disposal.
Water hazard class (Germany): 1 - Slight hazard for water (self classification)

13. Disposal considerations

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

14. Transport information

Way of transportation:	RID/ADR (road/rail):	no dangerous good
	IMDG (sea):	no dangerous good
	ICAO/IATA (air):	no dangerous good
	Marine Pollutant:	no

Details for classification:	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.