

Manufacturer:  
GmbH

Gebr. FALLER

Product number: 170695 (71 511) Trade name: Colour pigment patina set

Creation date: 12.09.2016 revised on: 01.06.2018 Page: 001/003

## 01 Material/preparation and company name

Trade name: Colour pigment patina set  
Manufacturer/Supplier: Gebr. FALLER GmbH  
Street: Kreuzstrasse 9  
Country ID/Postcode/Town: D 78148 Gütenbach  
Phone/fax: Tel. 0 7723 651 0 – Fax 0 7723 651 123  
Urgent information: 0 75 22 79 76 60 or 083 81 80 74 00

## 02 Potential hazards

- o **Classification of the material or mixture**  
Classification and designation pursuant to Directive 1272/2008/EC  
n.a.
- o **Labelling elements**  
Subject to labelling pursuant to Directive (EC) 1272/2008:  
n.a.
- o **Other hazards**  
The usual safety precautions for handling chemicals must be observed.  
This mixture does not contain any substances assessed as PBT or vPvB.

## 03 Composition/details of components

- o **Chemical characterisation:**  
Powder pigment: iron oxide-hydroxide
- o **Other common designations:**  
a-FeOOH, Goethine
- CAS no.**      **EC no. Designation**      **H-sets**  
51274-00-1      257-098-5      Iron oxide-hydroxide      –

## 04 First-aid measures

- o **Description of first-aid measures**  
**After inhalation:**  
supply fresh air.  
**After skin contact:**  
wash off immediately with plenty of water.  
**After eye contact:**  
rinse immediately with plenty of water, under the eyelids as well.  
**After swallowing:**  
do not induce vomiting. Rinse mouth with water and drink plenty of water.  
If symptoms persist, consult a doctor.
- o **Major acute and delayed symptoms and effects**  
n/a
- o **Information on immediate medical help or special treatment**  
Symptomatic treatment

## 05 Fire-fighting measures

- o **Extinguishing agents**  
**Suitable extinguishing agents:**  
water spray, foam, powder, CO2  
**Unsuitable extinguishing agents for safety reasons:**  
none
- o **Special hazards from the substance or mixture**  
May be released in a fire: carbon oxides
- o **Information for fire-fighting**  
**Special protective equipment:**  
wear self-contained breathing apparatus and tight-fitting chemical protection suit.  
**Additional information:**  
none

## 06 Measures for accidental release

- o **Personal precautions, protective equipment and emergency procedures**  
See section 8.2.2  
Collect powder mechanically (suction), avoid creating dust.

## 07 Handling and storage

- o **Protective measures for safe handling**  
**Information for safe handling:**  
avoid contact with the eyes and skin. Do not eat, drink or smoke while using.

No special measures required.

**Conditions for safe storage taking incompatibilities into account**

- o **Requirements for storage areas and containers:**

do not store at temperatures above 30°C.

- o **Information on common storage facilities:**

none

- o **Further information on storage conditions:**

none

## 08 Exposure limitation and personal protective equipment

**Parameters to be monitored**

- o **Individual safety measures**

**Respiratory protection:** if there is insufficient ventilation, wear breathing equipment.

**Hand protection:** it is recommended to wear protective gloves if there is prolonged skin contact.

**Eye protection:** protective glasses

**Body protection:** light protective clothing

## 09 Physical and chemical properties

- o **Appearance**

Form: powder  
 Colour: varies  
 Odour: characteristic

- o **Change of state**

Flash point	approx. 40°C	DIN 51 758
Ignition temperature	200 – 300°C	DIN 51 794
Solids content	24%	
Density at 20°C:	4.3 g/cm <sup>3</sup>	
Bulk density:	500-800 kg/m <sup>3</sup>	
Vapour pressure at 20°C:	23 hPA	
Viscosity:	dynamic	
pH value at 20°C:	approx. 4-8	
Solubility in water:	soluble	
Water	76%	
Solids content	24%	

## 10 Stability and reactivity

- o **Reactivity**

none

- o **Chemical stability**

Stable under normal conditions

- o **Possibility of dangerous reactions**

No dangerous reactions known when handled as directed.

- o **Conditions to avoid**

No special conditions to mention.

- o **Incompatible materials**

Incompatible with oxidising agents.

- o **Hazardous decomposition products**

No hazardous decomposition products if handled properly.

## 11 Toxicology

- o **Information on toxicological effects**

**Substance** EC no.

Iron oxide-hydroxide 257-098-5

**Acute toxicity**

Oral: LD50, rats: > 10,000 mg/kg

Inhalation (dust): LC50, rats/2 weeks: > 195 mg/m<sup>3</sup>

**Primary irritant effect**

On the skin: no irritant effect known.

In the eye: Reversible mechanically caused irritant effect possible.

**Sensitisation**

Skin: guinea pigs no sensitisation

## 12 Ecological information

- o **Toxicity**

n/a

- o **Persistence and biodegradability**

According to OECD criteria, the product is not readily biodegradable, but is potentially biodegradable (inherently biodegradable).

- o **Bio-accumulation potential**

n/a

- o **Mobility in soil**

n/a

- o **Results of PBT and vPvB assessment**

This mixture does not contain any substances assessed as PBT or vPvB.

CSB value, mg/g: n/a  
 BSB5 value, mg/g: n/a  
 AOX note: n.a.  
 Ecologically relevant components: none.  
 Other adverse effects: none.

**13 Disposal instructions**o **Waste treatment procedure**

Recommendation: D 10 / R 1 waste code no.: 20 01 30

The waste code number should be specified in consultation with the manufacturer and the disposal company.

Observe additional, local, official regulations.

o **For uncleaned packaging**

Recommendation: rinse with suitable cleaning agent. Otherwise as for product residues.

Packaging that cannot be cleaned must be disposed of in the same way as the substance.

Safe handling: as for product residues. The usual safety precautions for handling chemicals must be observed.

**14 Information on transport**

Not considered hazardous as defined in the transport regulations

Land transport ARD/RID-GGVS/E n.a.

Maritime transport IMDE/GGFSee n.a.

Air transport n.a.

**15 Regulations**o **Regulations on safety, health and environmental protection/specific statutory regulations for the substance or mixture**

**Observe employment restriction as per MuSchG / JArbSchG:** Yes.

**Observe storage obligation as per § 8 (6) GefStoffV:** Yes.

**Observe major accidents ordinance:** No.

**Technical instructions air:**

Class	Number	Portion m%
		n.a.

**Water hazard class:** not hazardous to water

**16 Other information**

The content of this safety data sheet corresponds to our current state of knowledge and complies with national and EC legislation. However, the working conditions of the user are beyond our knowledge

and control. The user is responsible for compliance with all necessary statutory regulations. This safety data sheet describes the safety requirements of our product and does not represent any assurance of product properties.

The information is required under paragraph 14 of the Hazardous Substances Directive of 26.10.93.