

# COLOROBRIA

## 1. Product and company identification

### 1.1. Product identification:

Generic name: MHC 873 – MHC 874

Reference: Black Clay

Pottery clay. It is high plasticity. It is ideal for modelling, sculpturing and the potter's wheel. Firing in ceramic kiln at 1000°C is recommended.

### 1.2. Company identification:

**COLOROBRIA S.p.A.**

Via A. Gramsci, 14

50056 Montelupo Fiorentino (FI)

Tel 0571-7081 Fax 0571-708812

[www.hobbycolorobbia.it](http://www.hobbycolorobbia.it)

## 2. Composition / Information on ingredients

### 2.1. Chemical and mineralogical characterization:

The body is composed of clay, manganese dioxide and water. The clay is a mixture of disilicate minerals (illites mainly), quartz, calcite and feldspars.

### 2.2. Hazardous components:

Name Concentration range Hazard symbol R phrases

Barium carbonate < 1% Xn (noxious) R22

Manganese dioxide < 25% Xn (noxious) R20 / R22

## 3. Hazard identification

The product contains quartz (<20%) and manganese dioxide (<15%). In case of clay powder inhalation, see heading 8.

## 4. First-aid measures

### 4.1. Inhalation:

in case of clay dust inhalation, remove from source to fresh air. If symptoms occur seek medical attention.

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*(Società soggetta alla direzione e coordinamento di Colorobbia Holding S.p.A. – Vinci – R.I. Firenze e P.IVA IT-018475 10482)*



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## 4.2. Skin contact:

usually no problems arise. If irritation develops seek medical attention.

## 4.3. Eye contact:

for direct contact, flush the affected eye with clean water. If irritation develops seek medical attention.

## 4.4. Ingestion:

if no needs special measures.

## 5. Fire-fighting measures

The product is not inflammable.

## 6. Accidental release measures

Personal protection: it is not necessary.

Environmental precautions: it is not required.

Method for cleaning up: to clean with water.

## 7. Handling and storage

### 7.1. Handling:

not especial conditions are required.

### 7.2. Storage:

to keep out of frost (to keep at temperature  $>0^{\circ}\text{C}$ ).

## 8. Exposure controls and personal protection

It no needs exposure control because is an inert substance which will not form aerosol.

## 9. Physical and chemical properties

Appearance plastic clay

Colour black

Odour odourless

Particle size 100%  $< 0.25$  mm

Firing range  $970-1025^{\circ}\text{C}$

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Melting point beyond 1100°C

Inflammability it is not inflammable

Explosive properties it no explodes

Density 2 g/cm<sup>3</sup>

Water solubility insoluble

## 10. Stability and reactivity

### 10.1. Stability:

The product is stable in the original packaging conditions. It dries when it is removed from the package in a room temperature.

It completely dries at 110°C.

Firing at 970-1025°C, it becomes a ceramic material.

### 10.2. Hazardous decomposition products:

there are no hazardous decomposition products given off.

## 11. Toxicological information

The product does not contain neither substance nor preparation classified as dangerous according to Community legislation in force (Commission Directive 91/155/UE) .

The product is not suitable for children in accordance with the European Standard EN-71/3.

## 12. Ecological information

The product does not involve any damage for the environment.

## 13. Disposal considerations

### 13.1. Product disposal:

to eliminate as an inert waste.

### 13.2. Packaging disposal:

not special measures are required.

### 13.3. Regulations of residues disposal:

to eliminate as a banal waste.

## 14. Transport information

ADR/TPC: n.a.

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RID/TPF: n.a.

IMDG: n.a.

IATA/ICAO: n.a.

The product does not involve any danger for transport.

## 15. Regulatory information

Hazard symbols: n.a.

R and S phrases: n.a.

According to Community legislation in force (Commission Directive 91/155/UE)

## 16. Other information

n.a.= it does not apply

The information of this Safety Data Sheet is based on the present knowledge and on the EU regulations. The work conditions of the users of the product are out of our knowledge and control.

The product should not be used for different purposes described in the heading 1, without special instructions in writing given by the manufacturer.

Is always a responsibility of the users to take the appropriate measures according to current regulations.

The information of this Safety Data Sheet is given in good faith and it only means a description of the safety requirements of the product. It is not a guarantee of his properties.

The information of this Safety Data Sheet is redacted according to Commission Directive 91/155/UE, and is also based on the International Occupational Safety and Health Information Centre (CIS).