

58100 - 58150 Chalk from Bologna, Italy

Edition: 03.04.2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Information:

Product Name: Chalk from Bologna, Italy
Product No.: 58100 - 58150
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG
Hauptstrasse 41-47, D - 88317 Aichstetten
Tel. +49 7565 91120 Fax. +49 7565 1606
www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. COMPOSITION/INFORMATION ON INGREDIENTS

58100 Chalk from Bologna: Natural mixture of calcium sulphate and CaCO₃

58150 Chalk from Bologna, light: Special fine mixture of calcium sulphate and calcium carbonate.

3. HAZARDS IDENTIFICATION

Product not considered to be hazardous according to EC Guideline 67/548/EWG.

4. FIRST AID MEASURES

After inhalation: Take affected person into fresh air, in case of discomfort get medical help.
After skin contact: Immediately wash with soap and rinse with plenty of water.
After eye contact: Immediately rinse with plenty of water, in case discomfort consult ophthalmologist.
After ingestion: Immediately get medical help.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: According to surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up /
taking up: Clean up mechanically - avoid dust development.

58100 - 58150 Chalk from Bologna, Italy

Edition: 03.04.2003

7. HANDLING AND STORAGE

Handling:

Advice on safe handling: Avoid formation and deposition of dust - provide good ventilation when handling large quantities - no special measures necessary if stored and handled as prescribed.

Advice on protection
against explosion:

Take precautionary measures against electrostatical charging - earthing necessary during loading operations - use only explosion-proof equipment - observe the general rules of industrial fire protection.

Storage:

Storage conditions: Store in cool and dry place.

Storage class: 13, non combustible solids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with critical values that require monitoring at the workplace:

MAK value: 3 mg/m³ (Germany)

Personal protective equipment:

General protective measures: Do not inhale dust.

Respiratory protection: Wear a dust mask when handling large quantities.

Eye protection: Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder

Color: white

Odor: without

Chemical Analysis of 58100 Chalk from Bologna

CaCO ₃	Calcium carbonate	48.37 %
CaO	Calcium oxide	16.98 %
SO ₃	Sulphate	23.45 %
SiO ₂	Silicium dioxide	0.86 %
Al ₂ O ₃	Aluminium oxide	0.34 %
Fe ₂ O ₃	Iron-III-oxide	0.12 %
MgO	Magnesium oxide	1.07 %
Bentonit		0.90 %
H ₂ O	Water	7.91 %

58100 - 58150 Chalk from Bologna, Italy

Edition: 03.04.2003

10. STABILITY AND REACTIVITY

Hazardous decomposition products: None if handled and stored according to specifications.

11. TOXICOLOGICAL INFORMATION

No toxicological effects if handled and stored according to specifications.

12. ECOLOGICAL INFORMATION

Chalk is a natural product and is not considered to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

In accordance with current regulations, product may be taken to waste disposal site after consultation with site operator and/or with the responsible authority.

14. TRANSPORT INFORMATION

Road / Marine / Air transport: non-hazardous goods

15. REGULATORY INFORMATION

Labelling in accordance to EC regulations: hazard warning labelling not compulsory

National regulations:

Water hazard class: 0

16. OTHER INFORMATION

This information, which describes our product with regard to possible safety requirements, is based on the present state of our knowledge and experience. It is given in good faith but no warranty expressed or implied with respect to the quality and properties of our product is made.