

SAFETY DATA SHEET

In accordance with 2001/58/CE

Date of publication: 09/01/98

Date of revision: 23/04/2009

**NAME OF THE PRODUCT: BRIOREF CHROMA SANDS
BRIOCOLOR CHROMA FLOURS**

1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME OF THE PRODUCT: BRIOREF CHROMA
BRIOCOLOR CHROMA

Supplier : CMMP
COMPTOIR DE MINERAUX ET MATIERES PREMIERES
45 RUE DE ST PETERSBOURG
75008 PARIS

Telephone number : + 33 1 43 87 45 75

Fax : + 33 1 42 94 96 32

2 – COMPOSITION / INFORMATION ON INGREDIENTS

Common Chemical Name : CHROMITE

CAS-N : 1308-31-2

EINECS-N : 215-159-3

Hazardous ingredients :

Name of the ingredient	CAS-N°	EINECS-N	R Sentence	Warning Symbol	Concentration
Quartz	14808-60-7	238-878-4	/	/	1 %

3 – HAZARDS IDENTIFICATION

Most important hazards : No poisonous product
It is not classified in the list of « DANGEROUS PRODUCTS » of the European Directive N° 67/548

Specific hazards : None

Environmental hazards : None

4- FIRST AID MEASURES

- Inhalation : Remove to fresh air
- Skin Contact : Wash with water
- Eye Contact : Flush eyes thoroughly

5 – FIRE-FIGHTING MEASURES

Suitable with all any extinguishing media.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions : Use a dust mask if there is a high level of dust emitted.

Environment precautions: Avoid as much as possible dust generation.

Methods for cleaning up : Usual methods

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7 - HANDLING AND STORAGE

Handling : Avoid propagation of dust.

Storage : Avoid accumulation of electrostatic charges.
Equip the silos of vacuum system.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : The machines must be equipped with a correct vacuum system.

Exposure limit values : **Threshold Limit Values (TLV):**
(Average during working day of 8 hours)

- Concentration of total breathable dust: **TLV= 0,5 mg/m³ for chrome ,
and 1,6 mg/m³ for Chromite**
- Concentration for quartz : **TLV= 0,1 mg/m³**

Personal protection : Dust mask recommended if necessary. The product is not poisonous.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid

Form : Powder, Granule

Colour : Brown – black

Odour : Odourless

pH : 8 – 9

Melting Point : ≈ 2180° C

Flash Point : Non measurable

Explosion Properties : Non explosive

Bulk density : None

Specific density : 4,5 g/cm³

Water solubility : Non soluble

10 – STABILITY AND REACTIVITY

Stability : Stable, but lightly attacked by strong acids.

Hazardous decomposition products : /

11 – TOXICOLOGICAL INFORMATION

Toxicity: Non irritant

Cancerology: Non carcinogenic

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12 – ECOLOGICAL INFORMATION

13 – DISPOSAL CONSIDERATIONS

Waste disposal method : Do not belong the poisonous and toxic residues stipulated in the European
Contaminated packaging : Directive 78/319.

14 – TRANSPORT INFORMATION :

The chromite is not a poisonous substance according to the rules GGVS/GGVE/RKDARD IMDG code / ICAO-TI.

Risk code and transport class : /

Land transportation : /

Sea transportation : /

N° UN : /

15 – REGULATORY INFORMATION

None

16 – OTHER INFORMATION

Fields of application : refractory, glass and ceramics industry

The information and recommendation contained herein are based upon data believed to be correct.
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