CMMP
(Comptoir de Minéraux et Matières Premières)
45 rue de Saint Petersbourg
75008 PARIS
Tél : 01 43 87 45 75
SIRET 582013264 00012

SAFETY DATA SHEET

In accordance with 2001/58/CE

Date of publication : 17/11/03
Date of revision : 21/02/06

NAME OF THE PRODUCT: IRONOR® F / P / PS / 100 / S

1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME OF THE PRODUCT: IRONOR® F / P / PS / 100 / S

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 : Micaceous Iron Oxide

$Fe_2 O_3$

CAS-N° : 1309-37-1

EINECS-N° : 215-168-2

Hazardous ingredients :

Name of the ingredient	CAS-N°	EINECS-N	R Sentence	Warning Symbol	Concentration
Quartz	14808-60-7	238-878-4	/	/	0.2 %

3 – HAZARDS IDENTIFICATION

Most important hazards : This product doesn't present any hazards, considered as whole, as long as the **Threshold Limit Values** are not exceeded.

Specific hazards : Short and long term exposure : Intensive dust prolonged inhalation may cause pneumoconiosis.

- Skin contact : May cause irritation.
- Eye contact : May cause irritation.

Environmental hazards : None.

4- FIRST AID MEASURES

- Inhalation : Remove from exposure immediately. Seek medical attention if needed.
- Skin Contact : Wash with soap and water. Seek medical attention if needed.
- Eye Contact : Flush eyes immediately with large amounts of water until no trace of product remains. Seek medical attention, if irritation persists.
- Ingestion : Seek medical attention if needed.

5 – FIRE-FIGHTING MEASURES

Product non-flammable and in explosive.

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6 – ACCIDENTAL RELEASE MEASURES

Personal precautions :	Using dust mask prevents breathing of dust.
Environment precautions:	Avoid as much as possible dust generation.
Methods for cleaning up :	Collect spilled material in appropriate container for disposal.

7 - HANDLING AND STORAGE

Handling :	Avoid high dust levels in order to stay under occupational exposure limit (TLV). Protect oneself from dust with appropriate equipment in a ventilated place.
Storage :	Store in a dry and ventilated area.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures :	Handle under a local ventilation system.
Exposure limit values :	**Threshold Limit Values (TLV) : Time Weighted Average :** *(concentration of inhalable dust to which a worker is exposed during a working day of 8 hours).* - Concentration of total breathable dust : **TLV = 10 mg / m^3**
Personal protection :	Ensure exposure limits are respected. Wear a dust mask under a high level of dust concentration. Wear appropriate gloves. Wear safety goggles. Wear appropriate clothing.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Solid
Form :	Powder
Colour :	Grey
Odour :	Odour free
pH :	8,5 – 9,5
Melting Point :	1 500°C
Flash Point :	Not applicable
Explosion Properties :	Non explosive
Bulk density :	1,5 – 1,7 g/cm^3
Specific density :	4,7 – 4,9 g/cm^3
Water solubility :	Insoluble

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10 – STABILITY AND REACTIVITY

Stability :	Stable at normal temperatures and pressure.
Hazardous decomposition products :	Not known

11 – TOXICOLOGICAL INFORMATION

Chronic exposure may cause dyspnoea and chronic bronchitis. Repeated exposure, usually from 6-10 years may cause a minor pneumoconiosis (siderosis).
In case of prolonged and repeated exposures of excessive concentrations of dust, at long term, siderosis may evolve to very serious pulmonary diseases

Prolonged and repeated exposures to high dust concentrations may cause silicosis.

12 – ECOLOGICAL INFORMATION

Not available

13 – DISPOSAL CONSIDERATIONS

Waste disposal method : Contaminated packaging :	No other special requirements than local regulations.

14 – TRANSPORT INFORMATION :

Risk code and transport class : No transport regulations are applicable.

Land transportation :	N.A.
Sea transportation :	N.A.
N° UN :	

15 – REGULATORY INFORMATION

N.A.

16 – OTHER INFORMATION

None

The information and recommendation contained herein are based upon data believed to be correct.
However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.