

SIOF S.p.A.

SAFETY DATA SHEET
(2001/58/CE)
SYNTHETIC BLACK IRON OXIDE

VERSION DATE : 20/12/2002

Revision 04

pag. 1/4

This safety data sheet contains information regarding the use of SIOF S.p.A. inorganic pigments in conditions of safety for persons and for the environment. The information applies to all the types of synthetic red oxides hereunder indicated.

SYNTHETIC BLACK IRON OXIDE

TYPES: 9313 - 9313C - 9313M - 9315 - 9317 - 27

Common uses : raw material for the paint/varnish, paper, plastic (9313-9313M), concrete industries (9313C-9315-9317)

1) IDENTIFICATION OF PRODUCT

- Commercial name: Synthetic black iron oxide
- Identification of manufacturer: SIOF S.p.A.

2) COMPOSITION:

Chemical Characterisation :	Iron oxide
Chemical formula :	Fe ₃ O ₄
Colour index :	Pigment Black 11 (77499)
C.A.S. N. :	1317-61-9
EINECS N. :	215-277-5

3) HAZARDS IDENTIFICATION

Black iron oxide is not classified amongst the dangerous substances (from the Directive 67/548/CEE) but it can not be used in sectors such as pharmaceutical, cosmetic, foodstuff, animal-feed and similar.

Iron oxide does not cause particular problems to health but since it is in a very fine powder form, it must be handled with care so as not to disperse it in the environment. Contact with the product can irritate sensible skins, irritate eyes and make them cry; inhalation can cause coughing and sneezing; ingestion can cause stomach pains, vomit and diarrhoea.

4) FIRST AID MEASURES

Particular precautions are not necessary since the product is not amongst the dangerous substances. Use the following precautions:

- Ingestion: The pigment is not assimilated by the body
- Eye contact : Rinse with water lifting the eyelids
- Skin contact : Wash with water and soap.
- Inhalation: Expectorate and move away from the dusty environment. If breathing problems persist consult a doctor.

5) FIRE FIGHTING MEASURES

Black iron oxide is not inflammable, therefore in case of fire in the warehouse it can be extinguished using any available means including water.

BLACK OXIDE

0.20
0.20
0.20

