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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **F6110**
Iron oxide red : PR101-77491

REACH registration number: 01-2119457614-35-0090
CE certificated EN12878: 1301-CPR1549 EN 12878 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
Fe2O3	1309-37-1	215-168-2	>96%	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : Red
Odour : Odourless
Melting point : >1000°C
pH : 3 - 7 [Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : No data available.
Relative density : 5 g/cm³
Particle size : 0,1 µm
Water soluble content : <0,3%
Oil absorption : 15-25 g/100g
Temperature fastness : > 1000°C

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

The data given here is based on current knowledge and experience. The purpose of this Product Safety Information Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance and shall not establish a legally valid contract.



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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **F6130**
Iron oxide red : PR101-77491

REACH registration number: 01-2119457614-35-0090
CE certificated EN12878: 1301-CPR1549 EN 12878 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
Fe2O3	1309-37-1	215-168-2	>96%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : Red
Odour : Odourless
Melting point : >1000°C
pH : 3 - 7 [Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : No data available.
Relative density : 5 g/cm³
Particle size : 0,1 µm (predominat)
Water soluble content : <0,3%
Oil absorption : 15-25 g/100g
Temperature fastness : > 1000°C

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

The data given here is based on current knowledge and experience. The purpose of this Product Safety Information Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance and shall not establish a legally valid contract.

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STOOPEN & meeûsSINCE
1894**TECHNICAL DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION**

1. Product name: **F6180**
Color index: Iron oxide red : PR101-77491
CAS n°: 1309-37-1
EINECS n°: 215-168-1
Use: Colorants (pigment), inorganic
Product definition(REACH): Mono-constituent substance

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	Remarks
Fe2O3	1309-37-1	215-168-1	>96%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES (GUIDE VALUES)

Physical state: Solid. [powders]
Colour: Red
Rel. tinting strenght: +- 5%
pH: -
Density : 4-5 g/cm³
Solubility: Insoluble in the following materials: cold water
Water soluble content: max. 0,3%
Oil absorption: 15-25 g/100g
Predom. particle size: 0,8 µm
Sieve residue: 0,3% on 0,045 mm sieve
Temperature fastness: > 1000°C

4. PROPERTIES (FULL TONE) - (1-5 SCALE, EXCEPT LIGHT FASTNESS 1-8 SCALE)

Light fastness: 8 **Weatherings fastness:** 5
Acid resistance: 5 **Alkali resistance:** 5

5. GENERAL STORAGE CONDITIONS

General: Shelf life is minimum 5 years, if stored under the correct conditions.
Storage conditions: Store in a dry place and avoid extreme fluctuations in temperature.
Close bags after use to prevent the absorption of moisture and contamination.

NOTICE

The data given here is based on current knowledge and experience. The purpose of this Technical Datasheet is to describe the products in terms of their properties. The above details do not imply any guarantee concerning composition, properties or performance. The client should test the product, several elements might affect the use and the applications. Existing laws and directives have to be respected by the client under his own responsibility.

Version: 3.0
Date of issue: 04 04 2017



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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **F6225**
Iron oxide red : PR101-77491
REACH registration number: 01-2119457614-35-0090
CE certificated EN12878: 1301-CPR1549 EN 12878 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
Fe2O3	1309-37-1	215-168-2	>94%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : Red
Odour : Odourless
Melting point : >1000°C
pH : 3 - 7 [Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : No data available.
Relative density : 5 g/cm³
Particle size : 0,1 µm
Water soluble content : <0,3%
Oil absorption : 15-25 g/100g
Temperature fastness : > 1000°C

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **F6316**
Iron oxide black : PBk11-77499

REACH registration number: 01-2119457646-28-0035
CE certificated EN12878: 1301-CPR1549 EN 12878 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
Fe3O4	1317-61-9	215-277-5	>90%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : Black
Odour : Faint odour
Melting point : >1000°C
pH : 5 - 8 [Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : No data available.
Relative density : 4,6 g/cm³
Particle size : 0,3 µm
Water soluble content : <0,5%
Oil absorption : 15-25 g/100g
Temperature fastness : < 177°C

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **F6340**
Iron oxide black : PBk11-77499
REACH registration number: 01-2119457646-28-0035
CE certificated EN12878: 1301-CPR1549 EN 12878 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
Fe3O4	1317-61-9	215-277-5	>90%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : Black
Odour : Faint odour
Melting point : >1000°C
pH : 5 - 8 [Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : 4,6 g/cm³
Relative density : No data available.
Particle size : 0,15 µm
Water soluble content : <0,5%
Oil absorption : 15-25 g/100g
Temperature fastness : < 177°C

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

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Technical Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

1.1. Product identifier:

Product name: **TITANE ANATASE C**
Titaniumdioxide - Anatase: PW6-77892

REACH registration number: -
CE certificated EN12878: 1301-CPR2124 EN 12878:2005/AC:2006 Category B

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Identified uses: Colorants (pigment), inorganic
Uses advised against: Do not use for food, drug, cosmetics and feed, nor household purpose.

2. INFORMATION ON INGREDIENTS

Component	CAS n°	EINECS n°	Conc. %	GHS classification
TiO ₂	13463-67-7	236-675-5	>70%	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

3. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid. [powders]
Colour : White
Odour : Odourless
Melting point : >1800°C
pH : 6,5-8,5[Conc. (% w/w): 5%]
Solubility : Insoluble in cold water.
Density : No data available.
Relative density : No data available.
Particle size : No data available.
Water soluble content : -
Oil absorption : 20 g/100g
Temperature fastness : -

4. PROPERTIES (Acid/Alkali/Weather scale 1-5, Light scale 1-8)

Acid resistance : 5
Alkali resistance : 5
Weathering fastness : 5
Light fastness : 8

5. GENERAL STORAGE CONDITIONS

Shelf life is minimum 5 years, if stored in a dry place. Close bags after use to prevent the absorption of moisture.

Version: 4.0

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