

SAFETY DATA SHEET PB28 PREPARATION

according to Regulation (EC) No. 1907/2006

SolidFlow **PB28 Cobalt Blue** - Product code **SF 510-X**

Date of Revision: October 10th 2024 Revision N:1 Country / Language: ITA / EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name:	CI Pigment Blue 28 preparation
Product code:	SF 510-X
CAS number:	1345-16-0
INDEX number:	CI Pigment Blue 28
EEC (EINECS) number:	310-193-6
Structural Formula:	CoAl_2O_4

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

Use of the Substance/Mixture:	Synthetic pigment mixed with anionic and non-ionic surfactants.
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1.3. Details of the supplier of the safety data sheet

Company:	SIOF S.p.A. Via Garibaldi 62 15068 - Pozzolo Formigaro (AL) Italy Tel: +39 0143417781 VAT nr.: IT 0016470069 Production sites: 1) Pozzolo Formigaro (AL) - Via Garibaldi 62 2) Verona - Via Pisano 53/A
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Email address of the competent person:

siof@siof.it

1.4. Emergency telephone number

Emergency telephone number:	+39 0143417781
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008):

Not a hazardous substance or mixture.

2.2. Label elements

Labelling (REGULATION (EC) No 1272/2008):

Non hazardous substance/mixture.

Danger Pictograms: Not applicable.

Warnings: No warning instructions.

Danger Indication: Not classified: there are no significant effects noted.

2.3. Other hazards

This substance/mixture does not contain any components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

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Ecological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Components:

Remarks: No hazardous ingredients.

Components:

Name: Cobalt Blue

EEC(EINECS) number: 310-193-6

CAS number: 1345-16-0

Other components:

Name: Anionic and non-ionic additives.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Consult a physician. Do not leave the victim unattended.

Eyes: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, keeping the eyelids wide open. Seek medical attention if the problem persists.

Skin: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Inhalation: Remove victim from source of exposure immediately. Remove the person to fresh air. If breathing is difficult, seek medical attention immediately.

Ingestion: Drink plenty of water. Do not give anything to the victim if he is unconscious. Seek medical attention if the discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

For more detailed information on health effects and symptoms, see section 11.

4.3 Indication of any immediate medical attention and special treatment needed

For more detailed information on health effects and symptoms, see section 11.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

The product is not flammable. Any combination of packaging materials can be extinguished with the usual extinguishing means.

5.2 Special hazards arising from the substance or mixture

The product is not flammable and does not present a fire risk. No specific fire or explosion hazard.

5.3 Advice for firefighters

No specific recommendations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Avoid contact with skin and eyes. Avoid inhalation of dust. Wear dust mask. (See section 8).

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Avoid dust formation. Vacuum up spills. If this is not possible, pick up spills with a shovel, broom or similar. Use appropriate protective equipment. Do not use compressed air for clean-up.

(See Section 13 for disposal of any waste).

6.4 Reference to other sections

Concerning personal protective equipment to use, see section 8.
Disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

See Section 8 for personal protective equipment. Use adequate mechanical ventilation if handling causes dust formation. Observe occupational exposure limits and minimize the risk of dust inhalation. Do not eat, drink or smoke when handling. Provide air filtration systems.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place, in the original closed packaging.
No specific recommendations.

7.3 Specific end use(s)

No data.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Does not contain substances with occupational exposure limit values.

8.2 Exposure controls

Individual protection devices:

Respiratory protection:

Use respiratory devices with anti particle filter. (P1)

Hand protection:

Use protective gloves.

Eye protection:

Use approved protective glasses.

Hygiene measures:

Do not eat, drink, or smoke during the process. In case of contact of eyes wash with water.

Skin protection:

Use clothing not easily permeable to dust.

Environmental exposure controls:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Granules

Physical state:

Solid

Colour:

Blue

Odour:

Characteristic

Solubility:

Insoluble in water. It disperses.

Density:

~ 4.00 kg/l (pigment)

Bulk density:

0.8 - 1.2 kg/l

Decomposition temperature:

Not available

Flammability:

Not applicable.

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

There is no specific information available on this product.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No potentially dangerous reactions are known.

10.4 Conditions to avoid

Avoid contact with acids and alkalis. Avoid contact with organic solvents. The pigment does not react with these substances.

10.5 Incompatible materials

Substances subject to catalytic decomposition caused by dust, such as peroxides. Also avoid contact with aluminum dust, calcium hypochlorite, hydrazine, ethylene oxide, cesium carbide.

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10.6 Hazardous decomposition products

Does not generate hazardous decomposition products under normal conditions of storage and use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product:

Acute toxicity:	Does not meet the classification criteria for this hazard class.
Skin corrosion/irritation:	Does not meet the classification criteria for this hazard class.
Serious eye damage/eye irritation:	Does not meet the classification criteria for this hazard class.
Respiratory or skin sensitization:	Does not meet the classification criteria for this hazard class.
Germ cell mutagenicity:	Does not meet the classification criteria for this hazard class.
Carcinogenicity:	Does not meet the classification criteria for this hazard class.
Reproductive toxicity:	Does not meet the classification criteria for this hazard class.
STOT-single exposure:	Does not meet the classification criteria for this hazard class.
STOT-repeated exposure:	Does not meet the classification criteria for this hazard class.
Aspiration hazard:	Does not meet the classification criteria for this hazard class.

11.2 Information on other dangers

Product:

Assessment:	The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU)2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or above.
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SECTION 12: Ecological information

12.1 Toxicity

No available information.

12.2 Persistence and degradability

No available information.

12.3 Bioaccumulative potential

No available information.

12.4 Mobility in soil

No available information.

12.5 Results of PBT and vPvB assessment

This substance/mixture does not contain any component classified as PBT (Persistent, Bioaccumulative and Toxic) or vPvB (very Persistent and very Bioaccumulative) at concentration $\geq 0.1\%$.

12.6 Endocrine Disrupting Properties

Product:

Assessment:	The substance/mixture does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH or
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Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

The methods for determining biological biodegradability are not applicable to non-organic substances.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General:

Non-hazardous waste class.

Disposal methods:

Dispose of waste and residues in accordance with local authorities.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / AND

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations:

No REACH Annex XVII restrictions.

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SECTION 16: Other information

Issued by:	Responsible for Health, Safety, and Environment
Date:	October 10 th , 2024
Revision:	1

More information:

This safety data sheet is drawn up in compliance with in force the regulations in classification and labeling matter on the revision date indicated in the header. The information provided on this SAFETY DATA SHEET corresponds to the state of our knowledge and knowledge our experience of the product, and it is not exhaustive.

It applies to the product as is, compliant with specifications. In case of combinations or mixtures, make sure that no new danger can arise. In no case does it exempt the user of the product from complying with all legislative provisions, administrative and regulatory issues relating to the product, hygiene and safety at work.