

MATERIAL SAFETY DATA SHEET

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

SP COBALT BLUE

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

Relevant identified uses: Colorants for the Paints, lacquers and varnishes industry

1.3 Details of the supplier of the safety data sheet

Company: Color Rare Ltd 105-1725 Atmec Gatineau, QC J8R 0E7
Tel/Fax: 1-613-701-5022
Email: info@colorare.com

1.4 Emergency Telephone No.:

Canada Contact your local Provincial Poison Centre or 911

<http://www.capcc.ca/>

Ontario: 1-800-268-9017

Quebec: 1-800-463-5060

USA American Association of Poison Control Centers 1-800-222-1222

<http://www.aapcc.org/>

CHEMTREC

<http://www.chemtrec.com/>

Emergency telephone number : 1-800-424-9300

Section 2: Hazards Identification

Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

.According to Directive 67/548/EEC or 1999/45/EC

Directive 1999/45/EC ('Preparation Directive')

The product does not require a hazard warning label in accordance with EC Directives.
The labelling is based on our own experience.

Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]

Eye Dam./Irrit. 2 (Classification and labelling were undertaken on the basis of tests on the preparation.)

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:
No particular hazards known.

Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

The product is under certain conditions capable of dust explosion.

Section 3: . Composition/Information on Ingredients

Chemical nature

pigment, Wetttable powder (WP)
Pigment Blue 28

Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

No particular hazards known.

Section 4: First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5: Fire-Fighting Measures

Suitable extinguishing media:

dry extinguishing media, foam

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

Section 6 : Accidental Release Measures

Personal precautions:

Avoid dust formation. Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Avoid raising dust.

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Contain with dust binding material and dispose of.

Section 7. Handling and Storage

Handling

General advice:

Closed containers should only be opened in well-ventilated areas.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

Section 8. Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form: granules
Colour: blue
Odour: odourless
Odour threshold: not determined
pH value: 8 – 10 (100g/l)
Flash point: Study does not need to be conducted.

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

Evaporation rate: The product is a non-volatile solid.

Flammability: does not ignite

Ignition temperature: >500°C

(VDI 2263, sheet 1, 2.6)

Vapour pressure: not applicable

Relative vapour density (air): The product is a non-volatile solid.

Solubility in water 50g/l(15°C)

Solubility (quantitative) :insoluble

Self ignition: not self-igniting

Thermal decomposition: No decomposition if used as directed.

Viscosity, dynamic: Study does not need to be conducted.

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Other information

Self heating ability: It is not a substance capable of spontaneous heating.

Bulk density: 800 - 1,200 kg/m³

Miscibility with water: miscible

Hygroscopy: Non-hygroscopic

Grain size distribution: No data available.

Section 10. Stability and Reactivity

Hazardous reactions:

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Section 11. Toxicological Information

Acute toxicity

Oral:

LD50/rat: > 2,000 mg/kg

Skin irritation:

rabbit: non-irritant (OECD Guideline 404)

Eye irritation :

rabbit: non-irritant (OECD Guideline 405)

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

Chronic toxicity

Other information:

The product has not been tested. The statement has been derived from the properties of the individual components.

Section 12. Ecological Information

Environmental fate and transport

Biodegradation:

Evaluation: The colourant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant

Environmental toxicity

Acute and prolonged toxicity to fish:

golden orfe/LC50 (96 h): > 100 mg/l

Toxicity to microorganisms:

Directive 88/302/EEC, part C, p. 118 activated sludge/EC50 (0.5 h): > 100 mg/l

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from the properties of the individual components.

Section 13. Disposal Considerations

Waste disposal of substance:

Dispose of in a licensed facility.

Do not discharge into drains/surface waters/groundwater.

It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal:

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA: None

Section 14. Transport Information

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

Land transport

ADR

Not classified as a dangerous good under transport regulations

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for User: None known

RID

Not classified as a dangerous good under transport regulations

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for User: None known

Inland waterway transport

ADN

Not classified as a dangerous good under transport regulations

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known
Transport in inland waterway vessel: Not evaluated

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable

Safety data sheet
Date / Revised: 15 May 2023
Product: **SP Cobalt Blue**
(30190655/MDS_GEN_US/EN)

Version: 5

Environmental hazards: Not applicable
Special precautions for user: None known

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for User: None known

Section 15. Regulatory Information

Federal Regulations

Registration status:

TSCA, US released / listed

OSHA hazard category: No data available.

SARA hazard categories (EPCRA 311/312): Not hazardous

State regulations

State RTK

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
147-14-8 C.I.	Pigment Blue 15	NJ

Section 16. Other Information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

Safety data sheet

Version: 5

Date / Revised: 15 May 2023

Product: **SP Cobalt Blue**

(30190655/MDS_GEN_US/EN)

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

END OF DATA SHEET