

MATERIAL SAFETY DATA SHEET

SP Violet Clair – SP Light Violet

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

1.1. Product Identifier

Code: NA
Product Name: SP Violet Clair – SP Light Violet
IC Color: Pigment Violet 23 | 51319

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

Use of the Substance/Preparation: Pigment preparation, Colorants for the Paints, lacquers and varnishes industry, colouring component

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/>

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture.

The product is classified as not hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

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Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication:

| | |
|-----------------------------------|------------------|
| Serious Eye Damage/Eye Irritation | Category 2A H319 |
| Skin Corrosion/Irritation | Category 3 H316 |

2.1.2. Directive 67/548/EEC and following amendments and adjustments.

| | |
|-----------------|---------------|
| Danger Symbols: | Not available |
| R phrases: | Not available |

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms:



| | |
|---------------|---------|
| Signal words: | Warning |
|---------------|---------|

Hazard statements:

| | |
|-------------|--|
| H319 | Causes serious eye damage/ irritation. |
| H316 | Causes skin irritation |

The product, when under certain conditions, is capable of dust explosion.

Precautionary statements:

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not ingest but if ingested, rinse mouth and then drink 300 ml of water.

| | |
|-----------------------|---|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
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| | |
|------------------|------------------------|
| Contains: | Pigments and additives |
|------------------|------------------------|

SECTION 3: Composition/Information on Ingredients

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Composition:
triphendioxazine dye, Wettable powder (WP), C.I. Pigment Violet 23

Butenedioic acid (2Z)-, polymer with 2-methyl-1-propene and octadecene, sodium salt
Content (W/W): $\geq 3\%$ - $< 5\%$ Eye Dam./Irrit. 2A
CAS Number: H319
191175-18-5
EC Number: Not available

Maleic acid, polymer with diisobutene, sodium salt
Content (W/W): $\geq 5\%$ - $< 7\%$
Eye Dam./Irrit. 2A H319
Skin Corr./Irrit. 3 H316
CAS Number: 37199-81-8

SECTION 4: First-Aid Measures

General information: Take off any contaminated clothing and wash before reuse.

EYES: Immediately rinse eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persist.

SKIN: Rinse thoroughly affected area with large amounts of water until no evidence of product remains. Drink 300ml of water. Get medical attention if irritation persists.

INGESTION: Rinse mouth well. Contact physician or local poison control center if symptoms persist.

INHALATION: Provide fresh air/ ventilated area when using the product. If inhaled, move affected person to fresh air. In all cases of doubt, or when symptoms persist, seek medical advice

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: foam, dry extinguishing powder
Unsuitable extinguishing media: carbon dioxide (CO₂)

5.2. Special hazards arising from the substance or mixture

Avoid dust formation due to danger of dust explosion.
Product may emit harmful vapours and fumes during a fire.

5.3. Advice for firefighters.

GENERAL INFORMATION

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as a fog, solid streams may be ineffective. Avoid inhaling vapours; keep upwind.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Avoid contact with skin, eyes and clothes. Do not breathe dust. Avoid dust formation.

6.2. Environmental precautions

Should not be released into the environment. Keep away from drains, surface and ground water.

6.3. Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Keep in suitable, closed containers for disposal. Dispose in suitable waste container and not into the environment.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet.
Hygienic measures: Wear personal protective equipment. Ensure adequate ventilation when using product. Avoid dust formation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation.
Protection against fire and explosion. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Store in original containers in a cool dry area, 0-50 degrees Celcius. Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the storage containers tightly closed and clearly labeled.

7.3. Specific end use(s).

Information not available.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Components with occupational exposure limits:

1317-65-3: Limestone

6683-19-8: Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate)

8.2. Exposure controls

Use Individual protection measures (personal protective equipment)

Eye/face protection: Use safety goggle with side protection. Skin protection

Hand protection: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

type of material

NBR (Nitrile rubber) - material thickness >0,11 mm

breakthrough times of the glove material >480 minutes (permeation: level 6)

Additional protection measures: Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product protective work clothes should be used, to avoid stains during handling.

Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White).

Environmental exposure controls: Keep away from drains, surface and ground water.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: powder/ granules

Colour: violet

Odour: slight odour

Odour threshold: not available.

pH: 7-10

Melting or freezing point: Not available.

Boiling point: Not available.

| | |
|---|--|
| Distillation range: | Not available. |
| Flash point: | Not available. |
| Evaporation Rate: | Not applicable. The product is a non-volatile solid. |
| Flammability of solids and gases: | Not highly flammable. |
| Lower inflammability limit: | Not available. |
| Upper inflammability limit: | Not available. |
| Lower explosive limit: | Not available. |
| Upper explosive limit: | Not available. |
| Vapour pressure: | Not applicable. |
| Density at 23 degrees Celsius/ 73 F | 2.1 g/cm ³ |
| Bulk Density: | 600 kg/m ³ |
| Specific gravity: | Not available. |
| Solubility: | insoluble |
| Partition coefficient: n-octanol/water: | Not available. |
| Ignition temperature: | Not applicable |
| Decomposition temperature: | Not available. |
| Viscosity: | Not relevant – solid material. |
| Reactive Properties: | Not available. |
| VOC (Directive 2004/42/EC): | Not available. |
| VOC (volatile carbon): | Not available. |

SECTION 10: Stability and Reactivity

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The material is stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

See section 7. Avoid Dust formation.

10.5. Incompatible materials.

No known incompatible materials.

10.6. Hazardous decomposition products.

None if stored and handles as per instructions in this document.

SECTION 11: Toxicological Information

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Acute Toxicity:

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Experimental/calculated data:

ATE (oral): > 5.000 mg/kg

LC50 (by inhalation): not determined

ATE (dermal): > 5.000 mg/kg

Irritation:

Experimental/calculated data: Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

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

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

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

Respiratory/Skin sensitization - Assessment of sensitization:

Skin sensitizing effects were not observed in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

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

Germ cell mutagenicity: Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. The product has not been tested.

The statement has been derived from the properties of the individual components.

Carcinogenicity: Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. The product has not been tested.

The statement has been derived from the properties of the individual components.

Reproductive toxicity: Assessment of reproduction toxicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Developmental toxicity: Assessment of teratogenicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Specific target organ toxicity (single exposure)

Assessment of STOT single: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

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

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects. The

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

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed - data are not available

If in eyes - Irritating to eyes

If inhaled - Inhalation of dust may cause irritation of the respiratory system

If on skin - data are not available

SECTION 12: Ecological Information

12.1. Toxicity.

Aquatic: There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish: LC50 (96 h) > 100 mg/l, *Leuciscus idus*

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

Aquatic invertebrates: LC50 (48 h), daphnia
not determined

Aquatic plants: EC50 (72 h), algae
not determined

Microorganisms/Effect on activated sludge:
EC50 (0,5 h), bacteria
not determined

Chronic toxicity to fish: No data available.

Chronic toxicity to aquatic invertebrates: No data available.

Assessment of terrestrial toxicity: No data available concerning terrestrial toxicity.

12.2. Persistence and degradability.

Assessment biodegradation and elimination (H2O): Colourants are by their nature very stable and are therefore not readily biodegradable under conditions prevailing in surface water or in effluent treatment plants.

Elimination information: Well eliminable from water by adsorption on activated sludge.

12.3. Bio accumulative potential.

Significant accumulation in organisms is not to be expected.

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

12.4. Mobility in soil.

Volatility: The substance will not evaporate into the atmosphere from the water surface.

Adsorption in soil: Adsorption to solid soil phase is not expected.

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12.5. Results of PBT and vPvB assessment.

Not applicable.

12.6. Other adverse effects.

Do not discharge product into the environment.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods.

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local regulations. Do not empty into drains or sewer system.

Contaminated packaging: Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

SECTION 14: Transport Information

NO RESTRICTIONS. This material is not considered as dangerous according to the current provisions on road transport of dangerous goods.

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 MARPOL73/78 and the IBC Code

This product is not to be carried in bulk.

SECTION 15: Regulatory Information

Not applicable.

SECTION 16: Other Information

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The information contained in this document is based on our own knowledge on the date of the current version. Users must verify provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product.

The correct and safe use of this product is the responsibility of the user; therefore, users must, comply with the current health and safety laws and regulations. Colorare is not liable for improper use of the product.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
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7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition