

Safety data sheet

1. Identification of the substance/mixture and of the company/undertaking Product identifier

SP GREEN 7

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

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

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

2. Composition/Information on Ingredients

Chemical nature

inorganic pigment, dispersing agent
C.I. Pigment Green 17

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3. Hazards Identification

No particular hazards known.

4. First-Aid Measures

General advice:
Remove contaminated clothing.

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

On skin contact:
Wash thoroughly with soap and water.

On contact with eyes:
Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:
Rinse mouth and then drink plenty of water.

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

5. Fire-Fighting Measures

Suitable extinguishing media:
water spray, 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.

Specific hazards :
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

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Advice for fire-fighters

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

Avoid raising dust.

7. Handling and Storage

Handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Protect from temperatures above: 60 °C

8. Exposure Controls/Personal Protection

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Components with workplace control parameters

The general dust limit value is to be kept.

Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Particle filter Type P1 or FFP1 (low efficiency for solid particles e.g. EN143,149).

Hand protection:

Chemical resistant protective gloves (EN 374)

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Tightly fitting safety goggles (frame goggles) (e.g. EN 166).

General safety and hygiene measures

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

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form:	granules	
Colour:	green	
Odour:	odourless	
pH value:	7 – 10 (100g/l)	(ASTM E70)
Flammability:	not highly flammable	
Explosion hazard:	not explosive	
Solubility in water:	soluble 50g/l (15°C)	
Hygroscopy:	Non-hygroscopic	

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10. Stability and Reactivity

Thermal decomposition: No decomposition if used as directed.

Hazardous reactions:

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

Hazardous decomposition products:

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

11. Toxicological Information

LD50 rat (oral): > 2,000 mg/kg

Primary skin irritation/rabbit: non-irritant (OECD Guideline 404)

Primary irritations of the mucous membrane/rabbit: non-irritant (OECD Guideline 405).

Additional information:

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

Ecotoxicity

Toxicity to fish:

Leuciscus idus/LC50 (96 h): > 100 mg/l

Microorganisms/Effect on activated sludge:

OECD Guideline 209

activated sludge, domestic/EC20 (0.5 h): > 1,000 mg/l

Persistence and degradability

Assessment: The colourant is insoluble in water and can thus be separated from water

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mechanically in suitable effluent treatment plant

Other adverse effects

Adsorbable organically-bound halogen (AOX):
This product contains no organically-bound halogen.

Additional information

Other ecotoxicological advice:
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal Considerations

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:
Uncontaminated packaging can be re-used.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport Information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/Regulations

Directive 1999/45/EC ('Preparation Directive'):
The product does not require a hazard warning label in accordance with EC Directives.

Other regulations

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

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The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.