

## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the product

Product name: CR5100 Super White

Company/ undertaking identification

Company: Zhejiang Coloray Technology Development Co.,Ltd

## 2. composition /information on ingredients

Chemical Composition	By weight	CI No.	CAS No.
Mica	66.0-76.0%	77019	12001-26-2
TiO <sub>2</sub>	24.0-34.0%	77891	13463-67-7

## 3. Hazards identification

No hazardous product as specified in Directive 67/548/EEC

## 4. First aid measures

After inhalation(large amounts of dusts): Fresh air.( Consult doctor in the event of any complaints.

After skin contact: wash of with water.

After eye contact: rinse out with water.

After swallowing (large amounts): consult doctor if feeling unwell.

## 5. Fire-fighting measures

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible. Ambient fire may liberate hazardous vapours.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus.

## 6. Accidental release measures

Person-related precautionary measures:

Avoid inhalation of dusts.

Procedures for cleaning/absorption

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

## 7. Handling and storage

Handling:

No further requirements

Storage:

Tightly closed. Dry. Storage temperature: no restrictions.

## 8. Exposure controls/personal protection

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on

Concentration and quantity of the hazardous substances handled. The resistance of the

Protective clothing to chemicals should be ascertained with the respective supplier.

# Safety Data Sheet

According to EC Directive 91/155/EEC

Data of issue 15.01.2009



Respiratory protection: required when dusts are generated.  
Eye protection: required  
Hand protection: not required  
Industrial hygiene:  
Wash hands after working with substance

## 9. physical and chemical properties

Form: powder  
Color: Silver White  
Odour: odourless  
Ph value:  
At 100g/l H<sub>2</sub>O (20°C) 4.0-11.0 (slurry)  
Melting point not available  
Boiling point not available  
Ignition temperature not available  
Flash point not available  
Explosion limits lower not available  
Upper not available  
Density (20°C) 2.7-3.2g/cm<sup>3</sup>  
Solubility in water (20°C) almost insoluble  
Particle size 10-60µm

## 10. stability and reactivity

conditions to be avoided  
not known to date  
substances to be avoided  
no information available  
hazardous decomposition products  
not know to date  
further information  
none

## 11. toxicological information

Acute toxicity  
Quantitative data on the toxicity of this product are not available.  
Further toxicological information  
The results of animal experiments using pigments of this type indicate no toxicologically Relevant properties. Since the substance is poorly sbsorbed, no hazardous properties are to be Anticipated. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory

Organ functions. The individual test results were as follows: skin tolerance (rabbit): no

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Irritant effect; eye irritation test (rabbit): no irritant effect; sensitization test (guinea pig)  
No sensitizing potential; subchronic toxicity (rat): no findings up to 20,000 ppm. LD50  
(oral, rat): not determinable; all animals still alive after 15,000mg/kg,  
Chronic toxicity (rat): 5% of the product added to the feed for a period of 2.5 years did  
Not show any toxicological changes or carcinogenic effects in animals.  
LC50 (inhalational, rat): male animals: between 4.6 and 14.9 mg/l air; female animals:>14.9 mg/l air  
The product did not show any genotoxic effects in the micronucleus test carried out in rats in  
Concentrations of up to 2000mg/kg(limit test).

## 12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

No ecological problems are to be expected when the product is handled and used with due care and attention.

## 13. Disposal considerations

Product :

Chemicals must be disposed of in compliance with the respective national regulations.

Packaging:

Coloray product packaging must be disposed of in compliance with the country-specific regulations

Or must be passed to a packaging return system.

## 14. Transport information

Entire package: not subject to transport regulations.

## 15 Regulatory information

Labeling according to EC Directives

Symbol ---

R- phrases ---

S-phrases 22 Do not breathe dust..

## 16 Other information

Reason for alteration

Specific control parameter.

Toxicological information

General update

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.