

# Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 11.12.2006  
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## 1. Identification of the substance/preparation and of the company/undertaking

### *Identification of the product*

Catalogue No.: 158062  
Product name: Xirallic® T60-23 SW Galaxy Blue

### *Use of the substance/preparation*

colorant

### *Company/undertaking identification*

Company: Merck KGaA \* 64271 Darmstadt \* Germany \* Phone: +49 6151 72-0  
Emergency telephone No.: Please contact the regional Merck representation  
in your country.

## 2. Composition/information on ingredients

Aluminium oxide coated with: titanium dioxide + tin oxide + auxiliaries

## 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 off with water.  
After eye contact: rinse out with water.  
After swallowing: make victim drink plenty of water. 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.

Other information:  
Prevent fire-fighting water from entering surface water or groundwater.

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## 6. Accidental release measures

Person-related precautionary measures:  
Avoid inhalation of dusts.

Environmental-protection measures:  
Do not allow to enter sewerage system.

Procedures for cleaning / absorption:  
Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

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## 7. Handling and storage

*Handling:*

No further requirements.

*Storage:*

Tightly closed. Dry. Storage temperature: no restrictions.

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## 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.

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: not required

Industrial hygiene:

Change contaminated clothing. Wash hands after working with substance.

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## 9. Physical and chemical properties

Form: powder

Colour: white

Odour: odourless

pH value  
at 100 g/l H<sub>2</sub>O (20 °C) 6-11 (slurry)

Melting point not available

Boiling point not available

Ignition temperature not available

Flash point not applicable

Explosion limits lower not available

upper not available

Density (20 °C) 3.7-3.9 g/cm<sup>3</sup>

Bulk density 290-350 kg/m<sup>3</sup>

Solubility in water (20 °C) almost insoluble

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Particle size 5-30 µm

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## 10. Stability and reactivity

### *Conditions to be avoided*

not known to date

### *Substances to be avoided*

no information available

### *Hazardous decomposition products*

not known to date

### *Further information*

none

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## 11. Toxicological information

### *Acute toxicity*

Quantitative data on the toxicity of this product are not available.

### *Further toxicological information*

Hazardous properties cannot be excluded, but are relatively improbable due to the compound's poor water solubility. Our own experience has provided no indication of any hazardous potential. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

### *Further data*

The product should be handled with the care usual when dealing with chemicals.

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## 12. Ecological information

### Ecotoxic effects:

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

### Further ecologic data:

Do not allow to enter waters, waste water, or soil!

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## 13. Disposal considerations

### *Product:*

Chemicals must be disposed of in compliance with the respective national regulations. Under [www.retrologistik.de](http://www.retrologistik.de) you will find country- and substance-specific information as well as contact partners.

### *Packaging:*

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under [www.retrologistik.de](http://www.retrologistik.de) you will find special information on the respective national conditions as well as contact partners.

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## 14. Transport information

Not subject to transport regulations.

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## 15. Regulatory information

*Labelling according to EC Directives*

Symbol: ---

R-phrases: ---

S-phrases: 22 Do not breathe dust.

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## 16. Other information

*Reason for alteration*

General update.

*Regional representation:*

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

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*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.*