

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31

Version: 2.0

Page: 1/9

(30280420/SDS\_GEN\_MX/EN)

### 1. Identification

#### Product identifier used on the label

**Sicopal® Black K 0095**

#### Recommended use of the chemical and restriction on use

Recommended use\*: colourant(s)

Suitable for use in industrial sector: plastics processing industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF Mexicana S.A. de C.V.

Av. Insurgentes Sur 975

Col. CD. De Los Deportes, C.P. 03710,

MEXICO

Telephone: +52 55 5325 2600

#### Emergency telephone number

Tel.: +1-800-849-5204 or +1-833-229-1000

CHEMTREC Int.: +1-703-527-3887

#### Other means of identification

Chemical family: metal complex pigment

### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

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

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 2/9  
(30280420/SDS\_GEN\_MX/EN)

### Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Emergency overview

Use with local exhaust ventilation.  
Avoid inhalation of dusts.  
Wear protective clothing.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

| <u>CAS Number</u> | <u>Weight %</u> | <u>Chemical name</u> |
|-------------------|-----------------|----------------------|
| 12737-27-8        | 100.0 %         | Chromium iron oxide  |

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

| <u>CAS Number</u> | <u>Weight %</u> | <u>Chemical name</u> |
|-------------------|-----------------|----------------------|
| 12737-27-8        | 100.0 %         | Chromium iron oxide  |

## 4. First-Aid Measures

### Description of 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.

#### 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 irritation develops, seek medical attention.

#### If swallowed:

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

### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 3/9  
(30280420/SDS\_GEN\_MX/EN)

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

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

---

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

harmful vapours

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

### Advice for fire-fighters

Protective equipment for fire-fighting:

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, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

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

### Methods and material for containment and cleaning up

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

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

---

## 7. Handling and Storage

### Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

### Conditions for safe storage, including any incompatibilities

Segregate from foodstuffs. Segregate from foods and animal feeds.

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 4/9  
(30280420/SDS\_GEN\_MX/EN)

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

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

Chromium iron oxide

NIOSH REL value 0.5 mg/m<sup>3</sup> (Chromium (Cr));  
Pocket Guide  
to Chemical  
Hazards (US)

#### **Advice on system design:**

Provide local exhaust ventilation to control dust.

#### Personal protective equipment

##### **Respiratory protection:**

Breathing protection if breathable aerosols/dust are formed. Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

##### **Hand protection:**

Wear chemical resistant protective gloves.

##### **Eye protection:**

Safety glasses with side-shields.

##### **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

|                                                     |                                                              |                         |
|-----------------------------------------------------|--------------------------------------------------------------|-------------------------|
| Form:                                               | fine particles                                               |                         |
| Odour:                                              | odourless                                                    |                         |
| Odour threshold:                                    | No applicable information available.                         |                         |
| Colour:                                             | black                                                        |                         |
| pH value:                                           | 8.5<br>(as suspension)                                       |                         |
| Melting point:                                      | > 1,000 °C                                                   | (capillary tube method) |
| Boiling point:                                      | not applicable                                               |                         |
| Flash point:                                        | not applicable, the product is a solid                       |                         |
| Flammability:                                       | not flammable                                                |                         |
| Autoignition:                                       | not applicable                                               |                         |
| Vapour pressure:                                    | not applicable, solid with a melting temperature over 300 °C |                         |
| Density:                                            | 5.2 g/cm <sup>3</sup><br>( 20 °C)                            | (DIN EN ISO 787-10)     |
| Relative density:                                   | 5.2<br>( 20 °C)                                              |                         |
| Bulk density:                                       | 842 kg/m <sup>3</sup>                                        |                         |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable                                               |                         |
| Self-ignition temperature:                          | not self-igniting                                            |                         |

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 5/9  
(30280420/SDS\_GEN\_MX/EN)

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Thermal decomposition:     | No decomposition if correctly stored and handled.                                                 |
| Viscosity, dynamic:        | Study does not need to be conducted.                                                              |
| Particle size:             | No data available.                                                                                |
| Solubility in water:       | ( 15 °C)<br>insoluble                                                                             |
| Solubility (quantitative): | insoluble                                                                                         |
| Solubility (qualitative):  | insoluble                                                                                         |
| Evaporation rate:          | solvent(s): organic solvents,<br>The product is a non-volatile solid.                             |
| Other Information:         | If necessary, information on other physical and chemical parameters is indicated in this section. |

## 10. Stability and Reactivity

### Reactivity

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

Corrosion to metals:  
No corrosive effect on metal.

Oxidizing properties:  
not fire-propagating

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### Conditions to avoid

No conditions to avoid anticipated.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

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

Thermal decomposition:  
No decomposition if correctly stored and handled.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

Acute toxicity

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 6/9  
(30280420/SDS\_GEN\_MX/EN)

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

### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Inhalation

not determined

### Dermal

not determined

### Assessment other acute effects

Assessment of STOT single:

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

### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

### Skin

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Eye

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Sensitization

Assessment of sensitization: The chemical structure does not suggest a sensitizing effect.

other

Species: guinea pig

Result: Non-sensitizing.

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: No known chronic effects.

### Genetic toxicity

Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

### Carcinogenicity

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen. IARC Group 3 (not classifiable as to human carcinogenicity).

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 7/9  
(30280420/SDS\_GEN\_MX/EN)

### Reproductive toxicity

Assessment of reproduction toxicity: No reproductive toxic effects reported.

### Teratogenicity

Assessment of teratogenicity: No teratogenic effects reported.

### Other Information

The product contains heavy metals. The product is insoluble in acids or alkalies.

## Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

---

## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected.

#### Toxicity to fish

LC50 (96 h) > 10,000 mg/l, *Leuciscus idus*

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Aquatic invertebrates

EC50 (48 h) > 100 mg/l, *Daphnia magna* (static)

Nominal concentration. The product has low solubility in the test medium. An eluate has been tested. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

#### Elimination information

Not readily biodegradable (by OECD criteria).

### Bioaccumulative potential

#### Bioaccumulation potential

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.

### Mobility in soil

#### Assessment transport between environmental compartments

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

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 8/9  
(30280420/SDS\_GEN\_MX/EN)

### Additional information

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

The product contains: chromium, iron  
Observe regional limits for effluent.

Other ecotoxicological advice:  
Do not discharge product into the environment without control.

## 13. Disposal considerations

### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. 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.

## 14. Transport Information

### Land transport TDG

Not classified as a dangerous good under transport regulations

### Sea transport IMDG

Not classified as a dangerous good under transport regulations

### Air transport IATA/ICAO

Not classified as a dangerous good under transport regulations

## 15. Regulatory Information

### Federal Regulations

Not applicable

### NFPA Hazard codes:

Health : 1      Fire: 0      Reactivity: 0      Special:

### HMIS III rating

Health: 1      Flammability: 0      Physical hazard: 0

# Safety Data Sheet

## Sicopal® Black K 0095

Revision date : 2015/08/31  
Version: 2.0

Page: 9/9  
(30280420/SDS\_GEN\_MX/EN)

---

### 16. Other Information

**SDS Prepared by:**  
BASF NA Product Regulations  
SDS Prepared on: 2015/08/31

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

---

Sicopal® Black K 0095 is a registered trademark of BASF Mexicana or BASF SE  
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 OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME 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