

Sanodure Black BK sp

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Substance key: COV104650V2
Version : 2 - 0 / CDNRevision Date: 01/15/2014
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WHMIS controlled: no

Section 01 - Product and company identification**Identification of the company:**Clariant (Canada) Inc.
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Toronto, Ontario, M9C 5R9
Telephone No.: +1 514-832-2559**Information of the substance/preparation:**ESHA
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Canada.PS@Clariant.com**Emergency tel. number:** +1 CANUTEC (613) 996-6666**Trade name:** Sanodure Black BK sp
Material number: 192801
Chemical family: Trivalent Chromium Complex of an Azo Dye
Primary product use: Aluminum Dye**Section 02 - Hazards identification****Health effects of exposure:**

Eye and skin contact may cause irritation. Inhalation of dust may irritate the respiratory tract. Chromium: chromium and certain compounds of chromium have been reported to cause damage to the lungs resulting in cumulative damage to the lungs. Only the hexavalent form of chromium (cas# 18540-29-9) is listed in IARC group 1 (human carcinogen). The other chromium compounds are listed in IARC group 3 (inadequate evidence). Dermatitis has been reported from repeated contact with certain chromium compounds. Sensitization may occur on repeated contact. This compound is the trivalent form of chromium and not the hexavalent form of chromium.

Any available toxicological data is shown in Section 11. No other information was found in the public literature for any effects of exposure and no health evaluation is thus possible. Therefore, handle with care and avoid unnecessary exposures.

Listed carcinogen: IARC: No
NTP: No
OSHA: No
Other: No**Section 03 - Composition/information on ingredients****Hazardous ingredients:**

Component	CAS number	Concentration
Chromium, elemental	7440-47-3	1 - 5 %

Disclosed for information purposes only.

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Section 04 - First aid measures**After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped or is difficult. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After ingestion:

If ingested, do not induce vomiting. Get immediate medical assistance.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: not applicable

Lower explosion limit: not tested.

Upper explosion limit: not tested.

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.

Hazardous combustion products:

Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur. Ash will contain chromium.

Section 06 - Accidental release measures**Steps to be taken in case of spill or leak:**

Wear prescribed protective equipment. Sweep up or shovel into disposal containers using non-sparking tools. Eliminate ignition sources. Wet down with non-reactive liquid if required to limit dusting. If melted, allow to solidify first. Clean up spill location. Must not be released into sewers, drains or wells.

Section 07 - Handling and storage**Advice on safe handling:**

Avoid dust formation.

Keep away sources of ignition.

Take measures to prevent the build up of electrostatic charge.

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Keep container tightly closed in a cool, well-ventilated place, open and handle carefully.

Section 08 - Exposure controls / personal protection**Occupational exposure limits:**

Component	CAS number:	Regulatory list	Type of value	Value 1	Value 2
Chromium, metal (Metallic)	7440-47-3	US. Threshold Limit Values (TLV) for Chemical Substances in the Work Environment Adopted Values	8-hour, time-weighted average		0.5 mg/m3
Chromium, metal and Cr III compounds		US ACGIH Threshold Limit Values	Threshold Limit Value_Time Weighted Average		0.5 mg/m3

- Respiratory protection:** Respirator with a dust filter
- Hand protection:** Rubber or plastic gloves
- Eye protection:** Safety glasses with side-shields
- Other protective equipment:** Wear clothing suitable to avoid skin contact.
- Advice on system design:** Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

- Form:** powder
- Color:** black
- Odor:** not specified
- Solubility in water:** soluble

Section 10 - Stability and reactivity

- Chemical stability:** Stable
- Hazardous Polymerization:** Hazardous polymerisation does not occur.
Conditions to avoid: None known.
- Incompatibility with (Conditions to avoid) :** None known.

Section 11 - Toxicological information

- Acute oral toxicity:** no data available
- Acute inhalation toxicity:** no data available
- Acute dermal toxicity:** no data available

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Section 12 - Ecological information

Product information:

Biodegradation: no data available
Fish toxicity: no data available
Daphnia toxicity: no data available
Algae toxicity: no data available

Section 13 - Disposal considerations

Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 - Transport information

TDG not restricted
IATA not restricted
IMDG not restricted

Section 15 - Regulatory information

Registration status

|| DSL: yes
|| NDSL: no
|| All components of the product are listed on the DSL/Canada.

CEPA

Listed as priority substance: no
Listed as toxic substance: no

NPRI yes

TSCA Status:

All components of this product are listed on the TSCA Inventory.

FDA:

This product is not registered with the FDA.

Section 16 - Other information

MATERIAL SAFETY DATA SHEET



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use of this information in situations beyond its control or outside the normal and expected use of its product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.