

## 7134 Black Ink

### SECTION 1: IDENTIFICATION

**Product ID:** 7134 Black Ink  
**Other means of identification:** Other name: Vidac CB Black Ink  
**Recommended use:** Ink  
**Restrictions of use:** None known

**Supplier Identifier:** Sterling Marking Products Inc., 1147 Gainsborough Street, London, ON  
Canada N6H 5L5, 1-800-265-5957, 519-434-5785

**Emergency Telephone Number:** CANUTEC (613) 966-6666, Cellular \*666

### SECTION 2: HAZARD IDENTIFICATION

Classified according to the Canadian Hazardous Products Regulations (WHMIS 2015) and the U.S. Communication Standard

**Dangerous (HCS 2012)**



**Classification:**  
Class D, Division 2A - Very chronic toxicity (contains carbon black)  
Class D, Division 2B - Skin and eye irritant

**Signal Word:** Danger

**Hazard statements:**

Flammable liquid

May cause drowsiness or dizziness

Causes eye irritation

**Precautionary statements:**

Use only outdoors or in a well-ventilated area

Keep the container tightly closed

Keep away from heat, hot surfaces, sparks, open flames or any other source of ignition

Do not smoke.

Avoid breathing in the fumes

Wear protective gloves and eye protection

Wash hands and skin thoroughly after handling

**Additional precautionary statements:**

Land/attach the container and receiving equipment.

Use only anti-spark tools.

Take precautionary measures against electrostatic discharge.

Avoid breathing in dust/fumes/gases/mists/vapours/aerosols.

In case of fire: Use foam, carbon dioxide, dry powder or sprayed water for extinguishing.

IN CASE OF CONTACT WITH SKIN (or hair): Remove/remove any contaminated clothing immediately.

Rinse the skin with water / shower.

INHALED IF: Take the victim out into the fresh air and keep them at rest in a position where they can comfortably breathe

Call a POISON CONTROL CENTER or doctor if you are not feeling well.

Dispose of content/container in accordance with local regulations.

Additional information on the label

Repeated exposure can cause dryness or cracking of the skin.

In case of contact with the eyes, rinse the eyes thoroughly with water for several minutes. Remove the contact from Lenses after the first 1-2 minutes and continue to rinse for several more minutes. If effects appear, consult a doctor, preferably an ophthalmologist. If swallowed, there is no specific antidote. Do not make you vomit. Seek prompt medical help.

### SECTION 3: COMPOSITION/COMPONENT INFORMATION

Chemical Name	CAS Number	Pourcentage (%)	Other Identifiers
4- (phenylazo) benzene-1,3-diamine chrysoidine	495-54-5	3.4%	None available

**Note: All ingredients are listed on the Domestic Substances List (DSL) and the Toxic Substances Control Act (TSCA) list.**

### SECTION 4: FIRST AID

The effects of exposure (inhalation, ingestion or skin contact) to the substance may be delayed. Make sure medical staff know the material(s) involved and take precautions to protect themselves.

**Eye contact:** Any material in contact with the eyes should be immediately rinsed with water by lifting the upper and lower eyelids. Seek immediate medical attention if symptoms of overexposure occur.

**Skin contact:** Wash with soap and water immediately. Apply a cream for so irritated skin. Consult a doctor if symptoms of overexposure occur.

**Inhalation:** Route of exposure not expected. If symptomatic, move to the fresh air. Seek medical attention if symptoms persist.

**Ingestion:** Route of unanticipated exposure. In case of ingestion, consult a doctor.

### SECTION 5: EXTINGUISHING MEDIUM

#### Extinguishing Media.

##### Suitable Extinguishing Media:

Water fog or fine spray, carbon dioxide, dry chemical, foam. Alcohol resistant foams (ATC type) are preferred if available. General purpose synthetic foams (including AFFF) or protein foams may function but much less effectively.

##### Unsuitable Extinguishing Media:

Do not use direct water stream, which will spread fire.

#### Specific Hazards arising from the Product:

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Unusual Fire & Explosion Hazards:

Take precautionary measures against static discharges.

**Specific Hazards:**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>) **Hazardous**

**Decomposition/Combustion Materials (under fire conditions):**

The smoke may contain unidentified toxic and/or irritating compounds. Carbon monoxide. Carbon dioxide.

**Special Protective Equipment:**

Fire fighters should wear full protective clothing including self-contained breathing equipment.

**Special Fire Fighting Procedures:**

Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

Use water to keep fire exposed containers cool and disperse vapours. Move container from fire area if it can be done without risk.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal precautionary measures:**

Wear appropriate protective equipment.

**Environmental precautionary measures:**

Prevent entry into sewers or streams, dam if necessary.

**Methods and equipment for containment and cleaning:**

Turn off all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Cleaning personnel should use respiratory and/or liquid contact protection. Runoff or discharge into sewers, waterways or soil is prohibited.

Small spills: Collect with a non-combustible absorbent material in appropriate containers.

Large divorces: Absorb in vermiculite or dry sand and dispose of in an approved hazardous waste collection center.

Inform the authorities if large quantities are involved.

**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling:**

Flammable. Keep away from a heat source, sparks and flames.

Avoid contact with eyes, skin and clothing. Avoid breathing in the fumes.

Keep containers closed when not in use. Use with adequate ventilation.

Never use air pressure to transfer the product.

Do not smoke or leave an open flame in storage, use or handling areas.

Make sure electrical grounding procedures are in place. Use anti-spark tools. Containers, even those that have been emptied, will retain residues and vapours from the product and should be handled as if they were full until they have been cleaned. This product is a bad conductor of electricity and can become electrostatically charged during handling and use (for example: during mixing, filtering or pumping). If this charge reaches a sufficiently high level, static discharges or sparks that can cause ignition may occur. Risk of vapour concentration on the ground and in low areas.

**Conditions for safe storage:**

Store in a cool, dry, well-ventilated place, away from heat and ignition sources. Use

explosion-proof ventilation to prevent vapour build-up. Keep

containers tightly closed. Keep in the original container. Store in accordance with good industry practices.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION****Control parameters**

Chemical Name	TLV	Toxicology
1,3-4-(phenylazo)benzene-chrysoidine	ACGIH TLV-TWA	LD50: 1650 mg/kg (oral, rat) LC50: Not Available)

**Gloves:** Solvent-proof gloves are required in case of repeated or prolonged contact

**Eye protection:** Wear safety glasses that meet the specifications of ANSI Z87.1 where eye contact is expected. Chemical protective eyewear that meets the specifications of ANSI Z87.1 should be worn when there is a risk of projection or other contact with the eyes.

**Respiratory protection:** None should be required under normal conditions of use and ventilation.

**Other protective equipment:** As needed to avoid prolonged contact.

**Technical inspections:** Sufficient general mechanical ventilation under normal conditions of use.

**Leak or spill procedure:** Contain spills with dry absorbent cloths. Use an appropriate ink cleaner to remove any residue. Wear protective gloves to minimize skin contact.

**Waste Disposal:** Discard waste in compliance with all local, state and federal regulations.

**Storage conditions:** Keep containers closed when not in use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

black / porous foam

**Specific weight:**

Color: black

**Evaporation rate:**

< n-butyl acetate

**Gas vapor density:**

Not available

**Solubility in water:**

Insoluble

**Odour:**

Lightly oily

## SECTION 10: STABILITY AND REACTIVITY

**Stability:**

The product is stable.

**Incompatibility :**

Strong oxidants, extreme temperatures.

**Hazardous decomposition products:**

Carbon oxides, nitrogen oxides and other organic combustion products.

**Dangerous polymerization:** will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Effects of acute exposure:**

**Eyes:**

Can be irritating.

**Skin:**

Can be irritating.

**Inhalation:**

Route of exposure not foreseen.

**Ingestion:**

Route of exposure not foreseen.

**Effects of chronic exposure:**

None known or expected.

**Irritation:**

Dangerous according to WHMIS criteria.

**Respiratory sensitization:**

Insufficient data available.

**Carcinogenicity:**

This product contains carbon black [CAS #1333-86-4], which was found by IARC (International Agency to Be Group 2B Carcinogen (i.e. probably carcinogenic to humans).

**Synergistic materials:**

Insufficient data available

**Responsive effects:**

Insufficient data available

**Teragenicity:**

Insufficient data available.

**Mutagenicity:**

None of the ingredients used tested positive for Ames.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

No data on possible environmental effects were found.

**Toxicity:**

**Acute toxicity to fish:**

Avoid releases to the aquatic environment.

**Persistence and degradability:**

**Degradability:**

There are no data on the degradability of this product.

**Bioaccumulative potential:**

**Bioaccumulative potential:**

No data available on bioaccumulation.

**Mobility in soil:**

**Mobility:**

The product contains volatile organic compounds (VOCs) that evaporate easily from all surfaces.

**Other side effects:**

Not determined

## SECTION 13: DISPOSAL CONSIDERATIONS

**General information:**

Waste is classified as hazardous waste. Disposal in a waste disposal site approved in accordance with the regulations in force. Waste Disposal Authority.

**Waste treatment methods:**

Dispose of waste and residues in accordance with the requirements of local authorities.

**SECTION 14: TRANSPORT INFORMATION**

**TDG Shipping Information:**

Unregulated

**IATA Shipping (Air):**

Unregulated

**PG: II - Medium Hazard**

**WHMIS Classification:**

Class D, Division 2A - Very chronic toxicity (contains carbon black)

Class D, Division 2B - Skin and eye irritant

**SECTION 15: REGULATORY INFORMATION**

**Chemical safety assessment:**

No chemical safety assessment has been carried out.

**WHMIS Hazard Class:**

Class D, Division 2A - Very Chronic Toxicity (contains carbon black)

Class D, Division 2B - Skin and eye irritant



**SECTION 16: OTHER INFORMATION**

**Additional information:** This product has been classified according to the hazard criteria set out in the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**Complete risk phrases:**

R11 Highly flammable

R36 Irritating to the eyes.

R66 Repeated exposure may cause dryness or cracking of the skin.

A67 Inhalation of vapours can cause drowsiness and dizziness.

**Complete Hazard Statements:**

H319 Causes severe eye irritation.

H225 Highly flammable liquid and vapours.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause dryness or cracking of the skin.

**Disclaimer:**

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**End of SDS.**