



NAME OF ITEM HERE Tattoo Ink, Black 2 oz  
 Product Code J0276T  
 Effective Date: reviewed 01/01/2014

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 Veterinary Specialties  
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### SECTION 01 Identification

Product Class	Carbon Black Pigment
Trade Name	Carbon Black Pigment Black 7
Code Numbers	7076, 7079
CAS Number	1333-86-4

### SECTION 02 Ingredients

Ingredient	CAS Number	%	TLV (ACGIH)
Pigment Black 7 (Carbon Black)	1333-86-4	100	5 mg./m <sup>3</sup>

Carbon Black is a black, odorless powder which can burn or smolder at temperatures greater than 572°F (300°C). Carbon black is an IARC listed 2B substance (possibly carcinogenic to humans). There are no known human carcinogenic effects related to the polycyclic aromatic hydrocarbons (PAH) content of carbon blacks.

### SECTION 03 Physical Data

Appearance	Black powder	Odor	slight
Boiling Range	n.a.	Specific Gravity	1.50
Evaporation Rate	n.a.	Pounds per Gallon	12.3

### SECTION 04 Fire and Explosion Data

DOT Category	Non-hazardous	Flash point	n.a.
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Unusual Fire and Explosion Hazards: In case of fire, burning organic compounds may evolve noxious or toxic fumes, which may include carbon monoxide, nitrous oxides, or other toxic compounds depending on the compound.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus near the fire.

## SECTION 05 Health Hazard Data

### Potential Health Effects:

Routes of Exposure: Skin, Eye, Inhalation

Inhalation: Temporary discomfort to upper respiratory tract may occur due to mechanical irritation when exposure limits are well above the occupational exposure limit.

Ingestion: No evidence of adverse effects from available data.

Eyes: High dust concentrations may cause mechanical irritation of the eyes.

Skin: No adverse effects expected.

Sensitization: No cases of sensitization in humans have been reported.

Acute Oral Toxicity: LD 50: Greater than 8,000 mg./kg., tested in rats

Effects of overexposure: Not established

Acute Skin Irritation: Non-irritative, tested on rabbits, index score: 0.6/8

Acute Eye Irritation: Non-irritative, tested on rabbits, Draize score: 10-17/110

Emergency and First Aid Procedures: Wash contaminated areas of skin with soap and water. For eyes, flush with copious amounts of water. If irritation persists, seek medical attention. In case of ingestion and/or serious contact with the skin or eyes, seek medical advice at once.

Carcinogenicity: NTP: No IARC: Group 2B (Carbon Black powder) OSHA: No

This Carbon Black contains less than 0.1% of adsorbed PAHs (polynuclear aromatic hydrocarbons). In non-adsorbed form, some PAHs have been found to be carcinogenic in animal studies. No correlating carcinogenic effect, however, has been observed in humans due to exposure to carbon black. Many inhalation toxicologists believe that the tumor response observed in rat studies is species specific and does not correlate to human exposure. However, the IARC's overall evaluation is that "carbon black is possibly carcinogenic to humans" (Group 2B).

Carbon Black has not been listed as a carcinogen by the NTP or OSHA.

## SECTION 06 Reactivity Data

Stability Stable  
Incompatibility None  
Hazardous decomposition products None  
Hazardous polymerization will not occur

## SECTION 07 Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Remove large quantities with a shovel. Cover residues with absorbing agent and remove.

Wash trace residues with water.

Waste disposal method: Dispose of in accordance with government and local regulations.



### SECTION 08 Special Protection Information

Respiratory Protection	Should be worn
Ventilation	Normal ventilation adequate
Protective gloves	Should be worn
Eye protection	Should be worn
Other protective equipment	Not required

### SECTION 09 Special Precautions

Precautions to be taken in handling and storing:

Avoid contact with skin and eyes.

Keep containers tightly closed when not in use. Keep away from heat sources.

### FDA Status

This product does not have Food and Drug Administration (FDA) approval as a food additive, either direct or indirect, under Title 21 of the CFR.

### SECTION 10 Transportation Requirements

D.O.T. Proper Shipping Name (49CFR 172.101): Pigment NOI

D.O.T. Hazard Classification: None, Non-Hazardous      Hazardous Waste: No

D.O.T. Labels Required: None

### SECTION 11 Regulatory Information

This product is listed on the following inventories:

Australia: Australian Inventory of Chemical Substances (AICS)

Canada: CEPA Canadian Environmental Protection Act, Domestic Substance List (DSL)

Europe (EU): European Inventory of Existing Chemical Substances (EINECS)

Japan: Ministry of International Trade and Industry List of Existing Chemical Substances

Korea: Toxic Chemical Control Law (TCCL)

United States: Toxic Substance Control Act inventory (TSCA)

### SARA Title III

Section 302: Does not contain any constituents identified as extremely hazardous.

Section 311/312: Carbon black is subject to EPA's "Hazardous Chemical Reporting and Community Right to Know." Tier I and Tier II forms need to be submitted if carbon

black is present at the facility in quantities greater than 10,000 pounds at any one time.

Section 313: This product does not contain any of the substances identified under Section 313 as toxic chemicals in excess of the de minimis concentrations necessary to be subject to this rule.

### SECTION 12 Product Label

Caution: This product may be slightly irritating to the eyes and/or skin.

Avoid contact with eyes and skin. Wash thoroughly after handling.

Keep container closed. Keep away from food and feed products.

First Aid: In case of contact with eyes, immediately flush eyes with plenty of water. In

case of skin contact, wash affected area(s) thoroughly. If irritation persists, consult a

physician. For supplemental information, please refer to the Material Safety Data Sheet

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