

SAFETY DATA SHEET

ISK BIOCIDES, INC.

SECTION 1: Identification

Product identifier: CosPaint® Black 147.
Other means of identification: CosPaint® Black.
SDS number: ISK049.
Recommended use: End coating for logs, lumber, timber, and other wood products.
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information:
Company name: ISK Biocides, Inc.
Address: 416 East Brooks Road,
Memphis,
TN 38109.
Telephone: Office hours (Mon – Fri)
7:00 – 4:30pm (Central time).
(901) 344-5350 or (800) 248-7961.
Contact Person: Anthony Accampo or Gail Watson
E-mail: SDSInquiry@iskbiocides.com
Emergency phone number: Chemtrec (800) 424-9300 (24 hours).

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards

No physical hazards for this product.

Health hazards

Carcinogenicity Category 2.

Environmental hazards

No environmental hazards for this product.

Signal word: **WARNING.**

Hazard statement(s): Suspected of causing cancer.

Hazard symbol(s):



Precautionary statement(s):

- Prevention:** Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
- Response:** If exposed or concerned: Get medical advice/attention.
- Storage:** None.
- Disposal:** Dispose of contents/container to an approved waste disposal plant.

Hazard(s) not otherwise Classified (HNOC):

None known.

Percentage of ingredient(s) of unknown acute toxicity:

11.2% of the mixture consists of ingredients of unknown acute toxicity (oral/dermal).
10.4% of the mixture consists of ingredients of unknown acute toxicity (inhalation).

SECTION 3: Composition/information on ingredients

Mixture:

Chemical name	Concentration (weight %)	CAS#
Carbon black	0.7 – 0.9%	1333-86-4

SECTION 4: First-aid Measures

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

Eye contact: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: Contains a component that is suspected of causing cancer.

Indication of immediate medical attention and special treatment needed: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Foam, carbon dioxide, water spray, dry chemical.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: None known.

Hazardous combustion products may include: Oxides of Carbon and Nitrogen, plus small amounts of Ammonia, Cyanuric acid and Hydrogen Cyanide (HCN).

Special protective equipment and precautions for fire-fighters: Cool exposed containers with water.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Methods and materials for containment and cleaning up:

SMALL SPILL: Wear appropriate protective clothing (see Section 8). Recover free liquid. Absorb remainder with sand or clay and place in a waste receptacle.

LARGE SPILL: Wear appropriate protective clothing (see Section 8). Large spills are not likely to occur. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Pump liquid to a recovery vessel. Absorb remainder of material with sand or clay and place in a properly labeled waste receptacle. Follow all local, state, and federal regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes, or other bodies of water.

SECTION 7: Handling and Storage

Precautions for safe handling: Observe good personal hygiene practices. Change protective gloves/clothing when signs of contamination appear. Keep out of reach of children.

Conditions for safe storage, including any incompatibles: Store in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to an unmarked container. Keep container closed when not in use. **DO NOT ALLOW TO FREEZE!**

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
Carbon Black	3.5 mg/m ³	None available

ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
Carbon Black	3.5 mg/m ³	None available

Other Exposure Limits: Carbon Black NIOSH TWA – 3.50 mg/m³.
(National Institute for Occupational Safety and Health).

Appropriate engineering controls: None normally required, use local exhaust if necessary. Good industrial hygiene practice dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear chemical splash goggles and/or face shield during mixing and when exposed to mist.

Skin and Hand protection: Wear rubber gloves when handling, using, or applying this product. Special precautions should be taken to ensure that material cannot get inside gloves.

Respiratory protection: None normally required if good ventilation is maintained. If mist is generated during application process, use an appropriate mist respirator.

Other: None normally required. Use as necessary to prevent exposure. Safety showers and eyewash stations should be provided in all areas in which this product is stored and/or handled. Persons exposed routinely to this material should shower prior to leaving work each day. Work clothing should be changed daily. Contaminated clothing should be removed and washed thoroughly before re-using.

Thermal hazards: None known.

SECTION 9: Physical and chemical properties

Appearance:

Physical state: Dispersion.
Form: Black Dispersion.
Color: Black.

Odor: Faint fish-like.

Odor threshold: Not available.

pH: 8.5 – 9.5

Melting point/freezing point: Not known.

Initial Boiling point/Boiling Range: 212 °F.

Flash point: > 212 °F.

Evaporation rate: <1 (nBuAC=1).

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits

Flammability limit – lower: Not Determined.

Flammability limit – upper: Not Determined.

Explosive limit – lower: Not Determined.

Explosive limit – upper: Not Determined.

Vapor pressure: Not known.

Vapor density: Not known.

Relative density (Specific gravity): 1.04

Solubilities (water, other): Miscible.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not known.

Decomposition temperature: Not available.

Viscosity: 1650 - 2400 cPs Brookfield #3 @ 20 rpm at 70°F.

Other information:

Bulk density: 8.65 lbs per gal (weight per gallon cup).

VOC: 62 g/L – 0.52 lbs/gal - 6. weight %

SECTION 10: Stability and Reactivity

Reactivity: Stable.

Chemical stability: This material is stable under normal handling and storage conditions.

Possibility of hazardous reactions: Material is not known to polymerize.

Conditions to avoid: Temperatures below freezing, 32F/0C.

Incompatible materials: Strong Oxidizing agents, Cationic/Anionic surfactants, Acidic pH's.

Hazardous decomposition Products: Oxides of Carbon and Nitrogen, plus small amounts of Ammonia, Cyanuric acid and Hydrogen Cyanide (HCN).

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: Negligible hazard expected at ambient temperatures. Elevated temperatures may result in vapors which can cause nasal and respiratory irritation, dizziness, nausea, headache, and weakness.

Ingestion: May cause weakness, excessive sweating, headache, dizziness, nausea, vomiting, difficulty in breathing.

Skin: May cause skin irritation or rash on prolonged or repeated contact. Prolonged or repeated contact may result in itching, defatting, and dermatitis. Non-sensitizer.

Eye: High concentrations or prolonged contact may result in stinging, redness, and tearing of the eyes.

Symptoms related to the physical, chemical, and toxicological characteristics: One of the components is suspected of causing cancer.

Delayed and immediate effects and chronic effects from short or long-term exposure: One of the components is suspected of causing cancer.

Acute toxicity:

Ingredient Information:

Substance	Test Type (species)	Value
Carbon Black	LD50 Oral (Rat)	> 8000 mg/kg
	LD50 Dermal (Rabbit)	> 3000 mg/kg
	LC50 Inhalation, (Rat)	No data available

Product Acute Toxicity Estimates:

Oral: Rat - LD₅₀ - No data available.

Dermal: Rabbit - LD₅₀ - No data available.

Inhalation: Rat - LC₅₀ - No data available.

Skin corrosion/irritation:

Based upon information available on the known components, the product may cause skin irritation or rash on prolonged or repeated contact.

Serious eye damage/eye irritation:

Based upon information available on the known components, the product result in stinging, redness, and tearing of the eyes at high concentrations or prolonged contact.

Respiratory sensitization:

Based upon information available on the known components, the product is not anticipated to cause respiratory sensitization.

Skin sensitization:

Based upon information available on the known components, the product is not anticipated to cause skin sensitization.

Germ cell mutagenicity:

Based upon information available on the known components, the product is not anticipated to be a mutagen.

- Carcinogenicity:** Carbon black is suspected to be a human carcinogen when present as airborne, unbound particles of respirable size.
- Reproductive toxicity:** Based upon information available on the known components, the product is not anticipated to cause reproductive toxicity.
- Specific target organ toxicity- Single exposure:** Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after single exposure.
- Specific target organ toxicity- Repeat exposure:** Based upon information available on the known components, the product is not anticipated to cause specific target organ toxicity after repeated or prolonged exposure.
- Aspiration hazard:** Based upon information available on the known components, the product is not anticipated to be an aspiration hazard.
- Further information:** Not available.

SECTION 12: Ecological information

Ecotoxicity

Product data: No data available.

Ingredient Information:

Substance	Test Type	Species	Value
Carbon black	LC ₅₀ Danio rerio (zebra fish)	Fish	> 1000 mg/l - 96 h
	EC ₅₀ Daphnia magna (Water flea)	Invertebrate	> 5600 mg/l – 24h
	LC ₅₀ Desmodesmus subspicatus (green algae)	Algae	> 10000 mg/l – 72h

- Persistence and degradability:** Not available.
- Bioaccumulative potential:** Not available.

Mobility in soil: Not available.
Mobility in general: Not available.
Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

Disposal instructions:
Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

SECTION 14: Transport Information

DOT: Not regulated under DOT.
IATA: Not regulated under IATA.
IMDG: Not regulated under IMDG.

Special precautions during transport: Not available.

Bill of lading classification: Paint and related material, n.o.i., NMFC 149980, sub 6.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is hazardous under OSHA.

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA/Superfund, 40 CFR 117, 302: Not listed.

CHEMICAL	C.A.S. Number	Weight %	Section 311/312
Carbon Black	1333-86-4	0.7 – 0.9%	Chronic Health Hazard.

Section 313 – List of Toxic Chemicals (40CFC 372): This product does not contain the chemicals (at level of 1% or greater) found on the 313 list of Toxic Chemicals.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): This product does not contain listed chemicals.

STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65: WARNING! This product contains a chemical known to the State of California to cause cancer: Carbon black (airborne, unbound particles of respirable size) is effective February 21, 2003.

New Jersey Right to Know: The following components are listed on the New Jersey Right to Know list: Carbon black.

Pennsylvania Right to Know: The following components are listed on the Pennsylvania Right to Know list: Carbon black.

Massachusetts Right to Know: The following components are listed on the Massachusetts Right to Know list: Carbon black.

INTERNATIONAL REGULATIONS:

Canadian Regulations CLASS D2A. Very Toxic Material Causing Other Toxic Effects (Carbon black).

Canadian Controlled Products Regulations (WHMIS): This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

SECTION 16: Other Information

Revision Date: October 16, 2014.

The information in this Safety Data Sheet is provided in good faith and is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance and is not to be considered a warranty or quality specification. User is responsible to evaluate all available information when using product for any particular use, including, if necessary, conducting any tests needed to determine the suitability of the product for a particular use. User is also responsible for compliance with all Federal, State, Provincial and Local laws and regulations. ISK Biocides, Inc. assumes no responsibility for injury, damage or loss resulting from the use of the material. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, INCLUDING THAT THE INFORMATION OR PRODUCT MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

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