

Safety Data Sheet



Black Pigment

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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled):	SC MT Black Pigment
Synonyms:	N/A
CAS No:	Mixture
1.2 Product Use:	Industrial coloring agents, pigments
1.3 Company Name:	SpecChem
Company Address:	1511 Baltimore Ave; Suite 600
Company Address Cont:	Kansas City, MO 64108
Business Phone:	(816) 968-5600
Website:	www.specchemllc.com
1.4 Emergency Telephone Number:	VelocityEHS 1-(800)255-3924 (North America) +1-813-248-0585 (International) 1-300-954-583 (Australia) 0-800-591-6042 (Brazil) 400-120-0751 (China) 000-800-100-4086 (India) 800-099-0731 (Mexico)
Date of Last Revision:	April 24, 2020
Date of Current Revision:	June 15, 2020

SECTION 2 – HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200 A combustible Dust. Signal word: Warning
Hazard Statements: May form combustible dust concentrations in air. Other Hazards: Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	WT%	CAS No.
Carbon Black	60-100	1333-86-4
The specific chemical identity and/or exact percentage (concentration) of composition may be withheld as a trade secret.		

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact:	Rinse with water. If eye irritation persists, consult a specialist.
Skin Contact:	Wash off with soap and water. Call a physician if irritation develops or persists.
Inhalation:	If breathed in, move person into fresh air. Get medical attention if symptoms occur.
Ingestion:	Rinse mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If symptoms persist, call a physician.

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4.2 Symptoms and Effects Both Acute and Delayed: Dust contact with the eyes can lead to mechanical irritation. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. The product is not irritant but as with all fine powders can absorb moisture and natural oils from the surface of the skin during prolonged exposure. Individuals with sensitive skin may experience skin drying on prolonged or repeated exposure.

4.3 Recommendations to Physicians: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Fire Extinguishing Materials:

Use the following fire extinguishing materials:

Water Spray:	Yes
Foam:	Yes
0	
Carbon Dioxide:	Yes
Dry Chemical:	Yes
Other:	Any “C” Class

5.2 Unusual Fire and Explosion Hazards: Specific hazards during firefighting:

It may not be obvious that carbon black is burning unless the material is stirred and sparks are apparent. Carbon black that has been on fire should be observed closely for at least 48 hours to ensure no smoldering material is present. Burning produces irritant fumes. The product is insoluble and floats on water. If possible, try to contain floating material. This material creates a fire hazard because it floats on water. May ignite other combustible materials.

Hazardous combustion products:

Carbon dioxide (CO₂)
Carbon monoxide
Sulphur oxides

Specific extinguishing methods:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information:

Standard procedure for chemical fires

5.3 Special Fire-Fighting Procedures:

- In the event of fire, wear self-contained breathing apparatus.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Remove all sources of ignition. Never return spills in original containers for re-use. Treat recovered material as described in the section "Disposal considerations". For disposal considerations see section 13.

6.2 Environmental Precautions:

No special environmental precautions required. Local authorities should be advised if significant spillages cannot be contained.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Minimize dust generation and accumulation. Avoid formation of respirable particles. Avoid inhalation, ingestion and contact with skin and eyes. Avoid exposure - obtain special instructions before use. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

7.2 Storage and Handling Practices:

Keep away from fire, sparks, and heated surfaces. Keep in container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Parameters:

Ingredients	CAS No.	Value Type (Form of Exposure)	Control Parameters Permissible Concentration	Basis
Carbon Black	1333-86-4	TWA (inhalable fraction)	3 mg/m ³	ACGIH
		TWA	3.5 mg/m ³	OSHA Z-1

8.2 Exposure Controls:

Ventilation and Engineering Controls:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

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Respiratory Protection:

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Eye Protection:

Safety glasses. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand Protection:

Use gloves approved to relevant standards e.g. EN 374 (Europe), F739 (US). Standards of Canada, Australian Standards, or relevant Japanese Standards.

Body Protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance (Physical State and Color): Black powder

Odor: odorless

Odor Threshold: No data available

pH: Concentration: 7.50 g/L

Melting/Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Evaporation Rate: No data available

Flammability (Solid; Gas): No data available

Upper/Lower Flammability or Explosion Limits: No data available

Vapor Pressure (mm Hg @ 20°C (68° F): No data available

Vapor Density: No data available

Relative Density: 1.70 - 1.9

Specific Gravity: No data available

Solubility in Water: Insoluble for solubility

Weight per Gallon: No data available

Partition Coefficient (n-octanol/water): No data available

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

9.2 Other Information: No data available

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity:

This product is not reactive.

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10.2 Stability:	Stable under normal conditions
10.3 Possibility of Hazardous Reactions:	Dust may form explosive mixture in air.
10.4 Conditions to Avoid:	No data available.
10.5 Incompatible Substances:	Strong oxidizing agents
10.6 Hazardous Decomposition Products:	Carbon Dioxide (CO ₂) Carbon Monoxide Sulphur Oxides

SECTION 11 – TOXICOLOGY INFORMATION

11.1 Information on Toxicological Effects:

Toxicity Data:	No data available
Suspected Cancer Agent:	No data available
Irritancy:	Skin, eye, and respiratory irritant.
Sensitization to the Product:	This product is not expected to cause skin sensitization.
Germ Cell Mutagenicity:	This product does not contain ingredients that are suspected to be a germ cell mutagenic.
Reproductive Toxicity:	This product is not expected to be a human reproductive toxicant.
Acute toxicity Components:	
Carbon Black:	
Acute oral toxicity Components:	LD50 (Rat): >8,000 mg/kg Method: OECD Test Guideline 401 Assessment: The substance or mixture has no acute oral toxicity
Acute inhalation toxicity:	LC50 (Rat): > 4.6 mg/m ³ Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity:	No data available
Acute toxicity (other routes of administration):	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation Components:	
Carbon black:	
Species:	Rabbit
Result:	No eye irritation
Assessment:	No eye irritation
Method:	OECD Test Guideline 405
Respiratory or skin sensitization Components: Carbon Black:	
Exposure routes:	
Skin Species:	Guinea pig

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Method:	OECD Test Guideline 406
Result:	Does not cause skin sensitization.
Assessment:	No data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Carbon Black:

Toxicity to fish:

LC50: > 1,000 mg/l

Exposure time:

96 h

Method:

OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates:

EC50 (Daphnia magna (Water flea)): >56,000 mg/l

Exposure time:

96 h

Method:

OECD Test Guideline 202

Toxicity to algae:

ErC50: >10,000 mg/l

Exposure Time:

72 h

M-Factor (Acute aquatic toxicity):

No data available

Toxicity to fish (Chronic toxicity):

No data available

Components: Carbon Black: Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity):

EC50 (Daphnia magna

(Water flea)):

> 350 mg/l

Exposure time:

125 d

Test Type:

semi-static test

Test substance:

Fresh water

M-Factor (Chronic aquatic toxicity):

No data available

Toxicity to microorganisms:

IC0: > 800 mg/l

Exposure time:

3 h

Method:

No information available

Toxicity to soil dwelling organisms:

No data available

Plant toxicity:

No data available

Sediment toxicity:

No data available

Toxicity to terrestrial organisms:

No data available

Ecotoxicology Assessment Acute

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aquatic toxicity:	No data available
Chronic aquatic toxicity:	No data available
Toxicity Data on Soil:	No data available
Other organisms relevant to the environment:	No data available
Persistence and degradability Biodegradability - Product : Result:	Not readily biodegradable.
Biochemical Oxygen Demand (BOD):	No data available
Chemical Oxygen Demand (COD):	No data available
BOD/COD:	No data available
ThOD:	No data available
BOD/ThOD:	No data available
Dissolved organic carbon (DOC):	No data available
Physico-chemical removability:	No data available
Stability in water :	No data available
Photodegradation :	No data available
Impact on Sewage Treatment:	No data available
Bioaccumulative potential Bioaccumulation - Product : Remarks:	Bioaccumulation is unlikely.
Components: limestone: Partition coefficient: noctanol/water: Method:	log Pow: < 1 No information available.
Mobility in soil Mobility :	No data available
Distribution among environmental compartments:	No data available
Stability in soil:	No data available

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Other adverse effects Environmental fate and pathways:

No data available

Results of PBT and vPvB assessment - Product:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting potential:

No data available

Adsorbed organic bound halogens (AOX):

No data available

Hazardous to the ozone layer Ozone-Depletion Potential:

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information: Global warming potential (GWP):

No data available
No data available

SECTION 13 – DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods:**

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.

13.2 EU Waste Code:

Not determined

SECTION 14 - TRANSPORTATION INFORMATION**14.1 U.S. Department of Transportation (DOT) Shipping Regulations:**

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

UN Identification Number:

Not applicable

Proper Shipping Name:

Not regulated

Hazard Class Number and Description:

Not applicable

Packing Group:

Not applicable

DOT Label(s) Required:

Not applicable

North American Emergency**Response Guidebook Number:**

Not applicable

14.2 Environmental Hazards:

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Marine Pollutant:	Not applicable
14.3 Special Precaution for User:	None
14.4 International Air Transport Association Shipping Information (IATA):	Not regulated.
14.5 International Maritime Organization Shipping Information (IMO):	
UN Identification Number:	Not applicable
Proper Shipping Name:	Not regulated
Hazard Class Number and Description:	Not applicable
Packing Group:	Not applicable
EMS-No:	Not applicable

SECTION 15 – REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

California Prop. 65

WARNING! This product can expose you to chemicals, as trace impurities and not intentionally added, known to the State of California to cause cancer (C), birth defects (M) or other reproductive (R) harm. For more information, go to www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

CH INV:	The formulation contains substances listed on the Swiss Inventory, On the inventory, or in compliance with the inventory
DSL:	This product contains one or several components listed in the Canadian NDSL.
AICS :	On the inventory, or in compliance with the inventory
NZIoC :	On the inventory, or in compliance with the inventory
ENCS :	On the inventory, or in compliance with the inventory
KECI :	On the inventory, or in compliance with the inventory
PICCS :	On the inventory, or in compliance with the inventory
IECSC :	On the inventory, or in compliance with the inventory
TCSI :	On the inventory, or in compliance with the inventory
TSCA :	On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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TSCA - 5(a) Significant New Use Rule List of Chemicals No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16 – OTHER INFORMATION

Date of Printing: June 15, 2020

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. SpecChem assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, SpecChem assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET