



Carbon Black 1770

Section 1 Product Description

Product Name: Carbon Black 1770
 Recommended Use: Concrete Pigment / Concrete Additive
 Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041
 P: 800.545.9827 • F: 713.329.9065 www.chemsystemsinc.net
 Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard identification

This product is not hazardous under the criteria of OSHA standard 29 CFR

Signal Word

N/A

Hazard Statements

H316 - Causes mild skin irritation
 H320 - Causes eye irritation
 H335 - May cause respiratory irritation

Precautionary statements

Prevention:

P233 Keep container tightly closed
 P264 Wash skin thoroughly after handling
 P281 Use personal protective equipment as required

Use respiratory protection and hazard controls. Use particulate protection.
 Gloves and /or skin protection is recommended.
 Safety glasses or eye protection recommended.

Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Carbon Black	1333-86-4	N/A	N/A	Proprietary

Section 4 First Aid Measures

Emergency First Aid Procedures

Eyes: Flush with water, lifting lids periodically, for at least 15 minutes. If irritation persists, consult a physician.
Skin: Wash with soap and water or waterless hand cleaner to remove dust.
Inhalation: Remove from dusty area to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion: No recognized hazard; unlikely route of overexposure.

Section 5 Firefighting Procedures

Suitable Extinguishing Media: Water Spray

Unsuitable Extinguishing Media: N/A

Flash Point (TCC): N/A

Flammable Limits (% volume in air for solvents): LEL=N/A UEL=N/A

Special Fire Fighting Procedures: Carbon monoxide and carbon dioxide are emitted. Use NIOSH approved respirator. It may not be obvious that carbon black is burning unless it is stirred and sparks are apparent.

Safety Data Sheet

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: Vacuum or lightly mist with water and sweep material into an appropriate container.

Section 7 Handling and Storage

Normal Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Material can be handled as normal solid waste

Section 8 Protection Information

Respiratory Protection: NIOSH approved dust respirator when dust level exceeds OSHA-PEL of 3.5 mg/m³, 8-hr. TWA.

Ventilation: Local exhaust when required for dust.

Protective Gloves: Gloves recommended.

Eye Protection: Safety glasses or goggles are recommended. Wearing of contact lenses in areas where dust exists is not recommended.

Other Protective Clothing or Equipment: Coveralls or apron to reduce skin contact and keep personal clothing free of dust.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

Section 9 Physical Data

Appearance: Amorphous Powder, black

Odor: Odorless

Odor Threshold: Odorless

pH: N/A

Freezing/Melting Point: N/A

Boiling Point: N/A

Flash Point: N/A

Auto-Ignition Point: >500 °F

Evaporation Rate: N/A

Specific Gravity: N/A

Flammability (solid, gas): N/A

Lower/Upper Flammability: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Density: Approximately 1.6gm/ml

Solubility: N/A

Partition Coefficient: N/A

Auto-ignition Temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Section 10 Reactivity Data

Reactivity: Stable at normal temperatures and pressures

Conditions to avoid: Excessive heat.

Incompatibility (Materials to Avoid): Strong oxidizers such as chlorates, bromates and nitrates.

Hazardous Decomposition (Byproducts): Carbon monoxide & carbon dioxide.

Hazardous Polymerization: Does not polymerize.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, Eyes, and Skin.

Health Hazards:

Acute: None known other than temporary discomfort due to dust concentrations above Permissible levels

Chronic: Commercially produced carbon black is designated as a nuisance dust by the ACGIH-TLV Committee, producing no pathological or restrictive to lung architecture or function.

Ingestion: No harmful effects are known to occur.

Carcinogen: Carbon black is not listed as a carcinogen by NTP OSHA. IARC's overall evaluation is that it "is possibly carcinogenic to humans".

Safety Data Sheet

Mutagenicity: Not know to be mutagenic.
Teratogenicity: not know to be teratogenic.
Aggravation of Pre-existing Conditions: None known

Section 12 **Ecological Data**

Ecological testing has not been performed on this product. Dispose of contents and container properly. Do not dump. Contents may cause discoloration in soil and water.

Section 13 **Disposal Information**

Waste Disposal Method: Dispose of contents properly. Dispose of as dry solid waste. Dispose of packaging properly. Recycle packaging.

RCRA: not listed.

Section 14 **Transport Information**

UN: Not Classified

US DOT: Not Classified

UN Shipping Class: Not Classified

UN Packing Group: Not Classified

Section 15 **Regulatory Information**

RCRA : N/A

CERCLA : N/A

CONEG : N/A

HAP : N/A

ODC : N/A

TOX : N/A

CWA (40 CFR 116) : N/A

CAA of 1990 : N/A

SARA (302) : N/A

SARA (311/312) : N/A

SARA (313) : N/A

CA Prop 65 : N/A

Section 16 **Additional Information**

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.