

Material Safety Data Sheet (MSDS)

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name
Graphite Powder 200-10

Manufacturer's Name
Dixon Ticonderoga Co.

Supplier's Name
Robco

Address
Ridgeway Blvd.

Address
7200 St. Patrick

City, Province
Lakehurst, NJ

City, Province
LaSalle, Québec

Postal Code
08733

Emergency Phone No.
1-800-255-3924

Postal Code
H8N 2W7

Emergency Phone No.
(514) 367-2252

Chemical Name

Chemical Family

Chemical Formula

Trade Name and synonyms

Molecular Weight

Material Use

SECTION II -HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration (%)	CAS, NA or UN Numbers	OSHA PEL	ACGIH TLV
Graphite		7782-42-5		2.0 mg/m3
Silica		14808-60-7		0.1 mg/m3

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State <input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid		Odour and appearance Grey-black powder, No odor	
Odour threshold (PPM) N/A	Specific Gravity 2.30-2.35	Vapour Pressure (MM) N/A	Vapour Density (Air = 1) N/A
Evaporation Rate N/A	Boiling Point (°C) N/A	Freezing Point (°C) N/A	Solubility in water (20 °C) N/A
%Volatile (by volume) N/A		pH N/A	Coefficient of water/oil distribution N/A

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability ☐ Yes ☒ No
If yes, under which conditions?

Means of extinction
Water, dry chemical, Co₂

Special procedures N/A		
Flashpoint (°C) and method N/A	Upper Explosion Limit (% by volume) N/A	Lower Explosion Limit (% by volume) N/A
Autoignition Temperature (°C) N/A		Hazardous combustion products N/A
EXPLOSION DATA		
Sensitivity to mechanical impact N/A		Sensitivity to static discharge Graphite is electrically conductive, take care to prevent contamination of electronic devices electrical circuits and electronic equipment.
SECTION V - REACTIVITY DATA		
Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, under which conditions?		
Incompatibility to other substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, which ones? Strong oxidizers such as fluorine, potassium peroxide, etc.		
Reactivity and under what conditions? N/A		
Hazardous decomposition products CO, CO ₂		
SECTION VI - TOXICOLOGICAL PROPERTIES OF MATERIAL		
Route of entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation, Acute <input type="checkbox"/> Inhalation, Chronic <input checked="" type="checkbox"/> Ingestion		
Effects of acute exposure to material Cases of pulmonary fibrosis, emphysema and copulmonnnale may result from prolonged inhalation of dust .Minor skin and eye irritation.		
Effects of chronic exposure to material N/A		
LD ₅₀ of material (specify species & route) N/A	LC ₅₀ of material (specify species & route) N/A	
Exposure (Limits) N/A	Irritancy of material N/A	
Sensitization of material N/A	Synergistic materials N/A	

Carcinogenicity, reproductive effects, teratogenicity, mutagenicity N/A	
SECTION VII - PREVENTIVE MEASURES	
PERSONAL PROTECTIVE EQUIPMENT	
Gloves (specify) Rubber gloves recommended	Eye (specify) Safety glasses recommended
Respiratory (specify) In the case of fire and airborne particles, wear self-contained breathing apparatus.	
Other (specify) Use clothing sufficient to prevent skin contact from dust or fumes when needed. Wash hands before smoking.	
Engineering controls (e.g., ventilation, enclosed process, specify) Mechanical ventilation recommended	
Leak and spill procedures Sweep or shovel solid material. If dust is generated sweep or vacuum in a manner so as not to create any additional dust.	
Waste Disposal Dispose of in accordance with federal, provincial or local regulations or rules	
Handling procedures and equipment Graphite is electrically conductive, take care to prevent contamination of electrical devices electrical circuits, and electronic equipment.	
Storage requirements Store In a cool and dry place, away from oxidizing agents.	
Special shipping information No special requirements	
SECTION VIII - FIRST AID MEASURES	
<p>Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists seek medical attention.</p> <p>Skin: Wash with mild soap and water. If irritation develops consult a physician.</p> <p>Inhalation: Remove victim to fresh air, Give artificial respiration if not breathing. If breathing is difficult give oxygen and seek medical attention.</p> <p>Ingestion: Unlikely but consult a physician.</p>	
Additional Information Avoid creating dust. Follow good industrial housekeeping and personal hygiene practices. Wash hands thoroughly before eating or smoking.	

SECTION IX - PREPARATION DATE OF MSDS

Prepared by (group, department, etc.)
Robco

Telephone Number
(514) 367-2252

Date
June 10, 2016

Additional Notes or References: The foregoing information is submitted voluntarily for the Health and security of our clients. The information should be considered as reliable and should be used by competent technical personnel, at their own risk.