



Material Safety Data Sheet

IDENTITY	CVD (Chemical Vapor deposition Diamond)
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Section I

Manufacturer's Name	<i>Pinnacle Industries dba Pinnacle Abrasives</i>
Address	2455 Bennett Valley Rd, C-118 Santa Rosa, CA 95404
Telephone Number Information/Emergency	707-546-3940/707-546-3940
Date Updated	1-1-2014

Section II - Hazardous Ingredients/Identity Information

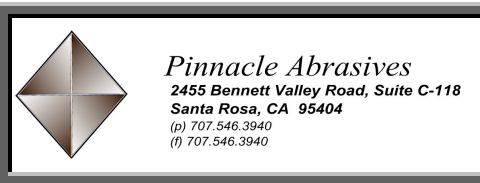
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Carbon CVD	5mg/m ³ (Respirable) 10mg/m ³ (total) Nuisance Dust	2mg/m ³ (Respirable) 10mg/m ³ (total) Nuisance Dust	n/a	N/A

Section III - Physical/Chemical Characteristics

Boiling Point	n/a	Specific Gravity (H₂O = 1)	1.65-1.90
Vapor Pressure (mm Hg)	n/a	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water	Insoluble		
Appearance and Odor	Odorless		

Section IV - Fire and Explosion Hazard Data

Flash Point	n/a
Flammable Limits	n/a
LEL	n/a
UEL	n/a
Extinguishing Media	n/a
Special Fire Fighting Procedures	n/a



Unusual Fire and Explosion Hazards	Possible fire and explosion in dust form when exposed to heat, flame or spark
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Section V - Reactivity Data

Stability	Stable
Conditions to Avoid	Confined areas with large amounts of suspended airborne particles.
Incompatibility (<i>Materials to Avoid</i>)	Open flame and oxidizers
Hazardous Decomposition or Byproducts	Carbon dioxide, carbon monoxide
Hazardous Polymerization	Will Not Occur
Conditions to Avoid	n/a

Section VI - Health Hazard Data

Route(s) of Entry:	Eye contact
Health Hazards (<i>Acute and Chronic</i>)	Eye irritation
Carcinogenicity:	n/a
NTP?	n/a
IARC Monographs?	n/a
OSHA Regulated?	not regulated
Signs and Symptoms of Exposure	Irritation to eyes
Emergency and First Aid Procedures	Eyes: remove contact lenses, flush with water

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Protect electrical equipment from airborne contamination. Carbon fibers are electrically conductive and may cause short circuits resulting in damage to or malfunctioning of electrical equipment. Do not eat, drink or smoke in areas of use or storage. Wash hands and face thoroughly after handling and before eating.
Waste Disposal Method	Standard disposal in accordance with local, state and federal regulations. May be land filled.
Precautions to Be taken in Handling and Storing	Gloves recommended when handling. Wear eye protection when grinding, sanding, cutting or breaking.
Other Precautions	n/a



Section VIII - Control Measures

Respiratory Protection (<i>Ventilation</i>)	n/a
Protective Gloves	Recommended
Eye Protection	Recommended
Other Protective Clothing or Equipment	n/a
Work/Hygienic Practices	n/a

* U.S.G.P.O.: 1986 - 491 - 529/45775