



Material Safety Data Sheet

for

Metal Bond Diamond Powder

Section I – General Data

Supplier - Worldwide Superabrasives
Address - 2921 NW Commerce Park Drive
Boynton Beach, Florida 33426
Telephone - 954-828-9650
Transportation
Emergencies - CHEMTREC (800) 424-9300
Medical
Emergencies - Florida Poison Control Center (800) 222-1222

Section II – Ingredients

Product - Metal Bond Diamond Powder
Proprietary - No
CAS Number - 7782-40-3
NIOSH Number 1004135DI
OSHA PEL - N/K
ACGIH TLV - N/K

Section III – Physical Data

Appearance - Gray to greenish yellow powder
Specific Gravity - 3.48-3.52
Vapor Density - N/A
Boiling Point - N/A
Vapor Pressure - N/A
Solubility in Water - No
Percent Volatiles - N/A

Section IV – Fire & Explosion Data

Flash Point - N/A
Lower Explosive
Limit - N/A
Upper Explosive
Limit - N/A
Extinguishing Media Chemical Powder
Unusual F&E
Hazards - Possible fire and explosion in dust form when exposed to heat, flame, or spark

Section V – Health Hazard Data

Primary Routes of Entry - Inhalation, Eye contact, Ingestion
Effect of over Exposure - Inhalation – Tissue irritation
Skin contact – Tissue irritation
Eye contact – Tissue irritation
Ingestion - Tissue irritation

Section VI – Reactivity

Stability - Stable
Conditions to Avoid - Large amounts of airborne fine powder suspended in confined areas
Incompatibility - Oxidizers and open flame
Hazardous Decomp Products - Carbon dioxide and water vapor
Hazardous Polymer zation - Will not occur
Conditions to avoid - N/A

Section VII – Spill or Leak Procedures

Action to be taken - Minimize airborne dust generation
Provide adequate ventilation
Clean up utilizing respiratory equipment
Disposal - In accordance with Local, State, and Federal Regs
May be land filled

Section VIII – Special Protection Information

Respiratory - NIOSH/MSHA approved dust mask
Ventilation - Adequate ventilation / local exhaust
Gloves - Impervious
Eye - Chemical goggles

Section IX – Special Precautions

Handling & Storage - Prevent dust from becoming airborne
Keep away from sparks and open flame
Avoid contact with eyes; flush with water
Ingestion or inhalation; seek medical attention

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