



Material Safety Data Sheet

for
Copper Coated Metal Bond Diamond Powder

Section I – General Data

Supplier - Worldwide Superabrasives
Address - 2921 NW Commerce Park Dr.
Boynton Beach, Florida 33426
954-828-9650

Telephone -
Transportation
Emergencies - CHEMTREC (800) 424-9300
Medical
Emergencies - Florida Poison Control Center (800) 222-1222

Section II – Ingredients

Product - Metal Bond Diamond Powder – Copper Coated
(50% by Weight)

Proprietary - No
CAS Number - 7782-40-3 / 7440-50-8
NIOSH Number 1004135DI
OSHA PEL - N/K
ACGIH TLV - N/K

Section III – Physical Data

Appearance - Copper colored (salmon-pink-orange) particles
Specific Gravity - 4.2 – 5.1
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 - Copper reacts violently with acetylene, hydrazine, and peroxides

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 -

Exposure to strong acids

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

Date of Issue – 10/1/09

Revised – 12/3/10