



Material Safety Data Sheet

for
Resin Bond Synthetic Diamond

Section I – General Data

Supplier - Worldwide Superabrasives
Address - 2921 NW Commerce Park Dr.
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 - Resin Bond Synthetic Diamond
Nickel / Cobalt Substrate
Proprietary - No
CAS Number - 7782-40-3
OSHA PEL - 1.0 mg/m³
ACGIH TLV - 1.0 mg/m³

Section III – Physical Data

Appearance - Gray-green colored translucent particles
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 - Above 880 C nickel and cobalt oxides may be generated

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 -

Nickel and Cobalt Oxides

Hazardous Polymer-

zation -

Will not occur

Section VII – Spill or Leak Procedures

Action to be taken - Minimize airborne dust generation

Provide adequate ventilation

Sweep up material and place in proper container

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

Avoid contact with eyes; flush with water

Contact with skin may cause irritation