



FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE,
EXPOSURE OR ACCIDENT CALL (CHEMTREC)
800-424-9300. THIS MSDS COMPLIES WITH 29 CFR
1919. 1200 (THE HAZARD COMMUNICATION
STANDARD)

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product / Chemical Name:

Resin Bonded Diamond Polishing Disc

Chemical Family or Product Type: Resin bond diamond segmented for polishing

Product Type: N/A

Formula: N/A

Section 2 - Hazardous Ingredients of Material

The composition of these products is considered a trade secret. Specific components in these products will be revealed to qualified health professionals. The exposure limits given are those of the most limiting components.

Chemical Name / Common Name	Cas No.	ACGIH TLV MG / M ³	OSHA PEL MG / M ³	Carcinogen (Y/N)
Aluminium Oxide	1344-28-1	10.0	10.0	N
Cerium (IV) Oxide	1306-38-3	2.0	5.0	N
Chromium (III) Oxide	1308-38-9	0.5	0.5	N
Cryolite	15096-52-3	2.0	2.5	N
Iron	7439-89-6	30.0	30.0	N
Nickel	7440-02-0	1.0	1.0	Y
Carbon	7440-44-0	2.0	2.5	N
Phenolic Resin	9003-35-4			N
Polymide	25036-53-7			N

Section 3 - Physical Data for Material

Boiling Point: N/A

Vapor Pressure: N/A

Solubility in Alcohol: 0

Vapor Density: N/A

Melting Point: 0

Specific Gravity: 1.5 - 3.5g / cubic cm

Evaporation Rate: N/A

Appearance and Odor: Dark red or light green (solid resin)

Percent Volatile: 0

Solubility in Water: 0

Solubility in other solvent: 0

Section 4 - Fire and Explosion

Flash Point: N/A

Extinguishing Media: "Water"

Flammable Limits: LEL: N/A UEL: N/A

Special Fire Fighting Procedures: N/A

Explosion Potential: N/A

Section 5 - Health, First Aid and Medical Data

Routes of Entry

Inhalation (During polishing)

Ingestion (During polishing)

Skin (During polishing)

Eye (During polishing)

Other potential health risks

Acute and Chronic Health Effects

Chronic: affects breathing capacity.

No known adverse effects, but ingestion not recommended.

Some may experience skin irritation from wasted water of polishing.

Wasted water of polishing may irritate eyes.

First Aid and Medical Info.

Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.

Obtain medical assistance.

Wash affected areas with soap and water.

Wash with large amount of water. Obtain first aid and medical assistance.