

### Section 1 - Chemical Product and Company Identification

**Product / Chemical Name:**  
**Resin Bond Diamond Polishing Disc**

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

**Product Type:** N/A

**Distributor Name:** Alpha Professional Tools®  
**Address:** 103 Bauer Drive, Oakland, NJ 07436  
**Emergency Tel. No.:** 800-648-7229

**Formula:** N/A

### Section 2 - Hazardous Ingredients

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 <sup>3</sup>	OSHA PEL MG / M <sup>3</sup>	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 and Chemical Data

<b>Boiling Point:</b> N/A	<b>Evaporation Rate:</b> N/A
<b>Vapor Pressuse:</b> N/A	<b>Appearance and Odor:</b> Dark red or light green (solid resin)
<b>Solubility in Alcohol:</b> 0	<b>Percent Volatile:</b> 0
<b>Vapor Density:</b> N/A	<b>Solubility in Water:</b> 0
<b>Melting Point:</b> 0	<b>Solubility in other solvent:</b> 0
<b>Specific Gravity:</b> 1.5 - 3.5g / cubic cm	

### Section 4 - Fire and Explosion

<b>Flash Point:</b> N/A	<b>Special Fire Fighting Procedures:</b> N/A
<b>Extinguishing Media:</b> Water	<b>Explosion Potential:</b> N/A
<b>Flammable Limits:</b> LEL: N/A    UEL: N/A	

### Section 5 - Health, First Aid, and Medical Data

Routes of Entry	Acute and Chronic Health Effects	First Aid and Medical Info.
Inhalation (During polishing)	Chronic: affects breathing capacity.	Remove to fresh air. Artificial respiration as needed Obtain medical assistance.
Ingestion (During polishing)	No known adverse effects, but ingestion not recommended.	Obtain medical assistance.
Skin (During polishing)	Some may experience skin irritation from wasted water of polishing.	Wash affected areas with soap and water.
Eye (During polishing)	Wasted water of polishing may irritate eyes.	Wash with large amount of water. Obtain first aid and medical assistance.
Other potential health risks		