



National Industrial Park  
 960 Erie Avenue  
 North Tonawanda, NY 14120  
 Phone: 888-311-3856  
 Fax: 716-693-4092  
 Contact: Edward LaPenna (Ext. 210)

**MATERIAL SAFETY DATA SHEET (Page 1 of 2)**

**SECTION I: PRODUCT IDENTIFICATION**

Product Name: Resinoid, rubber and shellac bonded products  
 with or without fibreglass reinforcement

**HAZARD RATING:**

Health ①  
 Reactivity ②  
 Flammability ③

**SECTION II: MATERIALS AND COMPONENTS**

Product may contain some of the following ingredients:

INGREDIENTS (only some may be used)	CAS NUMBER	MAX WEIGHT %	OSHA PEL mg/m3**	ACGIH TLV mg/m3**	CARCINOGEN
Aluminum Oxide (Alumina)	1344-28-1	95	N/A	10	N
Silicon Carbide	409-21-2	95	15	10	N
Zirconium Dioxide	7440-67-2	25	5	5	N
Cured Resin	N/A	18	N/A	N/A	N
Shellac	9000-59-3	10	N/A	N/A	N
Cured Epoxy	N/A	30	N/A	N/A	N
Furfural	98-01-1	5	2	2	N
Potassium Fluoroborate	14075-53-7	5	2.5	2.5	N
Calcium Fluoride (Fluorspar)	7789-75-5	20	2.5	2.5	N
Iron Oxide	1309-37-1	8	10	5	N
Calcium Oxide (Lime)	1305-78-8	4	5	2	N
DPR Rubber	78-79-5	5	N/A	N/A	N
Iron Disulphide (Pyrites)	12068-85-8	20	N/A	N/A	N
Zinc Sulfide (Cryptone)	1314-98-3	15	15	15	N
Sulfur	7704-34-9	5	N/A	N/A	N
Paraffin	N/A	10	N/A	2	N
Fibrous Glass	N/A	N/A	15	10	N

\*\* Total Dust

**SECTION III: PHYSICAL PROPERTIES**

Boiling Point:	N/A	Specific Gravity:	>1
Melting Point:	N/A	Solubility in Water:	N/A
Freezing Point:	N/A	Solubility in Alcohol:	N/A
Vapor Pressure:	N/A	Solubility in other Solvents:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Appearance:	Solid Product	Odor:	Possible during use

**SECTION IV : FIRE AND EXPLOSION DATA**

Flash Point:	N/A	No Special Fire Fighting Procedures
Flammable Limits:	N/A	No Need to Extinguish
Explosion Potential:	N/A	

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**SECTION V : REACTIVITY DATA**

Stability:	Stable	Incompatibility:	Avoid strong acids
Conditions to Avoid:	N/A	Polymerization:	Will not occur
Decomposition Products:	Dust, Organic Fumes		

**SECTION VI: HEALTH HAZARD INFORMATION**

Inhalation: Acute effects - coughing, shortness of breath;  
Chronic effects - may effect breathing;

Ingestion: No known adverse effects; Ingestion not recommended;  
Get medical attention;

Skin: Some may experience skin irritation from dust;  
Wash affected areas with soap and water;  
Get medical attention;

Eye: Dusts may irritate eyes; Flush with large amounts of water;  
Get medical attention;

**SECTION VII: SPECIAL PROTECTION INFORMATION**

Use only in compliance with ANSI B7.1-2000 (Safety Requirements)  
Use with proper ventilation.  
Eye protection recommended.  
Protective gloves may be used if desired.  
Use dust respirators; avoid breathing dust.  
Wash thoroughly after handling.  
Normal clean-up procedures.  
Waste disposal method: standard landfill methods.

Prepared By.....**Jeffrey J. Binkley**.....Date.....**1/2/08**.....

Note: The above information is accurate to the best of our knowledge, however, since data, safety standards, and government requirements are subject to change and the conditions of handling and use, or misuse are beyond are control, Buffalo Abrasives, Inc. makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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