

PO BOX 5639

Statesville, N.C. 28687

Tel : 1-800-633-8068

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SECTION I. - NAME & PRODUCT

SUPPLIERS NAME :

Eagle International Carbide**Post Office Box 5369****Statesville, North Carolina 28687**Trade or Common Name : **VITRIFIED ABRASIVE PRODUCTS**Chemical Family or Product Type : **ANY**CONTACT : **Chris Comer**PHONE : **(704) 878-6091**

APPROVED :

DATE : **January 1, 2001****SECTION II. COMPOSITION PER 29CFR 1910.1200 (G) (4)**

CHEMICAL NAME	MAX %	COMMON NAME	REG (Y/N)	CAS #	OSHA EXPOSURE LIMIT	ACGIH TLV	CARCINOGEN
ALPHA - ALUMINA	96%	ALUMDUM	Y	344-28-1	10mg/m3 dust	10mg/m3 dust	No
SILICON CARBIDE	96%	CRYSTOLON	Y	4 0 9-21-2	10mg/m3 dust	10mg/m3 dust	No

SECTION III. PHYSICAL AND CHEMICAL DATA

Boiling Point : NAIF	Melting Point : NAIF	Specific Gravity : 2 to 4	Vapor Pressure : NAIF
Vapor Density : NAIF	% Volatile by Vol : NAIF	Sol in Water : SLIGHT	Sol in Alcohol : NAIF
Evaporation Rate : NAIF	Sol in Solvents : NAIF	Appearance & odor : Solid - May emit odor in use	

SECTION IV. SPECIAL PRECAUTIONSPrecautions to be Taken in Handling : **TREAT LIKE GLASS**Other Precautions : **NONE****SECTION V. CORROSIVITY & REACTIVITY DATA**Stability : **VERY STABLE**Polymerization : **WILL NOT OCCUR**Incompatibility / Materials to Avoid : **AVOID ACIDS OF ALL TYPES < 4.1**

DECOMPOSITION PRODUCTS : **In use, dusts are generated. In most cases, airborne material removed from the workpiece will be substantially greater than the grinding wheel components. Coolants may also produce other decomposition products**

Conditions to be Avoided : **SUDDEN SHOCKS OR BLOWS**

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SECTION VI. HEALTH, FIRST AID & MEDICAL DATA

Primary Route(s) of Entry During Use	Acute & Chronic Health Effects and Effects of Overexposure	First Aid & Medical Information
INHALATION	Dust generated during grinding may cause coughing or shortness of breath, which may affect breathing capacity & aggravate existing respiratory conditions	Remove to fresh air, respire artificially as needed, obtain medical assistance. There is limited data that crystalline silica dust may be a carcinogen
INGESTION	No known adverse effects, but ingestion not recommended.	Obtain medical assistance
SKIN	Dust generated during grinding may cause skin irritation	Wash effected area with soap & water
EYES	Dust generated during grinding may cause eye irritation	Flush eyes with water, obtain medical assistance
OTHER POTENTIAL RISKS	Elevated sound levels generated during grinding effect hearing	Wear hearing protection

SECTION VII. STORAGE, HANDLING & USE PORCEDURES

Storage & Handling : See ANSI STANDARD B7.1
Normal Use : Use with adequate ventilation. See OSHA 29CFR 1910.94
Leaks or Spills : NAIF
Waste Disposal : Standard landfill methods consistent with Federal, State and Local Laws

SECTION VIII. PERSONAL PROTECTION INFORMATION

Respiratory Protection : For appoved dust respirators see OSHA	Ventilation : Recommended for local area
Safety Glasses : Recommended see OSHA 29CFR1910.133	Gloves : As desired by individual operators
Other : Hearing protection see OSHA for noise level requirements. For measures to be taken during repair and maintenance of equipment has been in contact with this material see SECTION VII & VIII above	

SECTION IX. FIRE & EXPLOSION HAZARD DATA

Flash Point : NAIF	Method Used : NAIF	Extinguishing Media : WATER
Special Fire Fighting Procedures : NAIF	Explosion Potential : NAIF	Flammable Limits : LEL - N/A UEL - N/A