



# Material Safety Data Sheet

# U.S. Department of Labor

## Section I

## WHEELS

<u>Distributed By</u> The Easthill Group dba/ The Eastwood Company	<u>Emergency Contact</u> Chem-Trec 800-424-9300
<u>Address (Number, Street, City, State, and ZIP Code)</u> 263 Shoemaker Road	<u>Telephone Number for Information</u> USA & Canada: 800-345-1178 Outside USA: 610-323-2200
Pottstown, PA 19464	<u>Date Prepared</u> 01/05/09
	<u>Signature of Preparer (optional)</u>

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))		OSHA PEL	ACGIH TLV	CAS #	Carcinogen (Y/N)
<u>May contain one or more of the following:</u>					
Aluminum	Aluminum	10MG/M3	20mg/m3	7429-90-5	N
Calcium Oxide	Lime	2mg/M3	-----	1305-78-8	N
Chromic Oxide	Chromic Oxide	1mg/M3	-----		N
Copper	Copper	1mg/M3	2mg/M3	7440-50-8	N
Nickel	Nickel	1mg/M3	-----	7440-02-0	Y
Silver	Silver	0.1mg/M3		7440-22-4	N
Tin	Tin	2mg/M3	4mg/M3	7440-31-5	N
Tungsten	Tungsten	5mg/M3	10mg/M3	7440-33-7	N
Zirconium Silicate	Zirconium Silicate	5mg/M3	10mg/M3		N

**Section III - Physical/Chemical Characteristics**

<u>Boiling Point</u> N/A**		<u>Specific Gravity (H<sub>2</sub>O = 1)</u> Varies	
<u>Vapor Pressure (mm Hg.)</u> N/A		<u>Melting Point</u> N/A	
<u>Vapor Density (AIR = 1)</u> N/A		<u>Evaporation Rate</u> (Butyl Acetate = 1) N/A	
<u>Solubility in Water</u> Slight			
<u>Appearance and Odor</u> Solid product – may give off odor in use			

**Section IV - Fire and Explosion Hazard Data**

<u>Flash Point (Method Used)</u> N/A	<u>Flammable Limits</u>	<u>LEL</u> N/A	<u>UEL</u> N/A
<u>Extinguishing Media</u> N/A			
<u>Special Fire Fighting Procedures</u> None			
<u>Unusual Fire and Explosion Hazards</u> None			

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V - Reactivity Data**

<u>Stability</u>	<u>Unstable</u>		<u>Conditions to Avoid</u> NAIF
	<u>Stable</u> X		
<u>Incompatibility (Materials to Avoid)</u> NAIF			
<u>Hazardous Decomposition or Byproducts</u> If use dusts are generated, in most cases airborne material removed from the work place will be significantly greater than the grinding wheel components. Coolants may produce other decomposition products.			
<u>Hazardous Polymerization</u>	<u>May Occur</u>		<u>Conditions to Avoid</u> NAIF
	<u>Will Not Occur</u> X		

**Section VI - Health Hazard Data**

<u>Health Hazards (Acute and Chronic)</u>		
<u>Primary Route</u>	<u>Acute/ Chronic effects</u>	<u>First Aid &amp; Medical information</u>
Inhalation: (during grinding)	Acute – coughing, shortness of breath Chronic – effects breathing capacity	Remove to fresh air, artificial respiration as needed, seek medical help
Ingestion: (during grinding)	No known adverse effects, but ingestion not recommended	
Skin Contact Absorption:	Some may experience skin irritation from dust	Wash affected areas with soap & water, seek medical help
Eye – (during grinding)	Dust may irritate eyes	Wash with large amounts of water Obtain first aid & medical help
Other potential Health risks	Grinding may create elevated sound levels which may affect hearing	Obtain medical assistance

## Section VII - Precautions for Safe Handling and Use

<u>Steps to Be Taken in Case Material is Released or Spilled</u> Normal clean up procedures
<u>Waste Disposal Method</u> Standard land fill methods consistent with applicable federal, state & local laws
<u>Precautions to Be taken in Handling and Storing</u> See ANSI Standard B7.1 Section2
<u>Other Precautions</u> Normal Use: use with adequate ventilation. See OSHA 29 CFR 1910.94 & 29CFR 1910.1000

## Section VIII - Control Measures

<u>Respiratory Protection (Specify Type)</u> As needed, approved dust respirators, see OSHA 29 CFR 1910.134		
<u>Ventilation</u>	<u>Local Exhaust</u> Recommended	<u>Special</u>
	<u>Mechanical (General)</u> Recommended	<u>Other</u> NAIF
<u>Protective Gloves</u> As desired by user		<u>Eye Protection</u> Recommended, See OSHA 29CFR1910.133
<u>Other Protective Clothing or Equipment</u> Hearing protection as needed, see OSHA 29CFR1910.215		
<u>Work/Hygienic Practices</u>		