Dedeco International, Inc. Route 97, Long Eddy, NY 12760-0244
Phone: (845) 887-4840 • Fax: (845) 887-5281
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Material Safety Data Sheet

Identity (As Used on Label and List)

Rubberized Bonded Abrasives & Grinding Wheels

SECTION I

Manufacturer's Name	**Emergency Telephone Number**
DEDECO INTERNATIONAL, INC.	845-887-4840
Address	**Telephone Number for Information**
Route 97	845-887-4840
Long Eddy, New York 12760	
	Date Prepared
	April 7, 2008

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))		**OSHA PEL**	**ACGIH TLV**	**NTP/IARC/OSHA Carcinogen Recommended**	**Status**
Aluminum Oxide	CAS 1344-28-1	15 mg/m3		10 mg/m3	Not listed
Silicon Carbide	CAS 409-21-2	15 mg/m3		10 mg/m3	Not listed
Phenol / Formaldehyde binder (Cured Phenolic Resin)	CAS 67700-42-9	10 mg/m3		10 mg/m3	Not listed
Pumice	NAIF	NAIF		NAIF	Not listed
Iron Oxide	CAS 1309-37-1	15 mg/m3		10 mg/m3	Not listed
Calcium Carbonate (Limestone)	CAS 1317-65-3	5 mg/m3		5 mg/m3	No listed
Kaolin (Clay)	CAS 1332-58-7	5 mg/m3		5 mg/m3	Not listed
Sulfur	CAS 7704-34-9	NAIF		NAIF	Not listed
Hydrated Alumina	CAS 21645-51-2	10 mg/m3		10 mg/m3	Not listed
Calcium Metasilicate	CAS 13983-17-0	NAIF		NAIF	Not listed
Magnesium Oxide	CAS 1309-48-4	15 mg/m3		10 mg/m3	Not listed
Titanium Dioxide (Titania)	CAS 13463-67-7	15 mg/m3		10 mg/m3	Listed

Synthetic elastomers which may be contained in the product are not defined by OSHA as hazardous materials.

SECTION III – PHYSICAL CHEMICAL CHARACTERISTICS

Boiling Point	NAIF	**Specific Gravity (H2) = 1)**	2 - 4
Vapor Pressure (mm Hg.)	NAIF	**Melting Point**	NAIF
Vapor Density (Air = 1)	NAIF	**Evaporation Rate (Butyl Acetate = 1)**	NAIF
Solubility in Water	Slight	**Solubility in Other Solvent**	NAIF
Appearance and Odor	Solid, may produce odor in use	**Solubility in Alcohol**	NAIF
Percentage Volatile by Volume	NAIF		

Material Safety Data Sheet

SECTION IV – FIRE AND EXPLOSION HAZARD DATA			
Flash Point (Method Used)	NAIF	**Flammable Limit**	N/A
Extinguishing Media	Water	**Special Fire Fighting Procedures**	None
Explosion Potential:	NAIF		
SECTION V – REACTIVITY DATA			
Stability	Unstable	Stable X	
Hazardous Decomposition or Byproducts	Dust is generated in use. In most cases, the material removed from the workpiece will be significantly greater than the grinding wheel components.		
Hazardous Polymerization	May Occur	Will Not Occur X	
Conditions to be Avoided	NAIF		
Material to be Avoided	NAIF		
SECTION VI – HEALTH HAZARD DATA			
Inhalation:	During grinding.		
Acute:	Coughing and/or shortness of breath.		
Chronic:	May affect breathing capacity.		
First Aid:	Remove to fresh air. Artificial respiration as needed. Obtain medical assistance.		
Ingestion:	During grinding. No known adverse effect, but ingestion should be avoided.		
First Aid:	Obtain medical assistance.		
Skin:	During grinding. Dust may irritate some individuals.		
First Aid:	Wash affected areas with soap and water. Obtain medical assistance.		
Eyes:	Dust may irritate eyes.		
First Aid:	Wash with large amounts of clean water. Obtain first aid and medical assistance if necessary.		
SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE			
Steps To Be Taken In Case Material Is Released Or Spilled:	Normal cleanup procedures.		
Waste Disposal Method:	Standard landfill methods consistent with applicable Federal, State and Local regulations.		
Storage:	See ANSI Standard B7.1.		
Normal Usage:	Handle with adequate ventilation. See OSHA 29CF1910.94 (Ventilation) and 29CF1910-1000 (Air Contaminates).		
SECTION VIII – CONTROL MEASURES			
Respiratory Protection (Specify Type):	For approved dust respirators see OSHA 29CF1910-134.		
Ventilation:	**Local:** Recommended	**Mechanical (general):** Recommended.	**Other:** NAIF
Protective Gloves:	As desired by user.		
Eye Protection:	Recommended – see OSHA 29CFR1910.133.		
Other Protection:	As needed hearing protection. See OSHA 29CFR1010.215 (hearing protection).		