

086-031, 086-032, 086-033

086-034, 086-035, 086-036



Dedeco International, Inc. Route 97, Long Eddy, NY 12760-0244

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

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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 29CFR1910.94 (Ventilation) and 29CFR1910-1000 (Air Contaminates).		
SECTION VIII – CONTROL MEASURES			
Respiratory Protection (Specify Type):	For approved dust respirators see OSHA 29CFR1910-134.		
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).		