

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200 Standard must be
 consulted for specific requirements

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As used on label and list) Resinoid Bonded Abrasive Products		Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.			
SECTION I - IDENTIFICATION					
MANUFACTURER'S NAME: OZARK ABRASIVES		Emergency telephone number: (573) 372-1247			
Address (Number, Street, City, State and Zip Code): P.O. Box 1247 16522 Hwy. O Laurie, MO 65038		Telephone number for information: (573) 372-1247			
		Date prepared: April 14, 2005			
		Signature of Preparer (Optional):			
SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION					
Hazardous components (Specific Chemical Identity, Common Names)		OSHA PEL	ACGIH TLV	OTHER LIMITS	%
Will contain one or more of the following abrasives:				RECOMMENDED	OPTIONAL
	CAS#				
Cubitron final fired mineral	#321	15mg/m ³			
Aluminium oxide	1344-28-1	Total dust	10mg/cu.M		+50%
Silicon Carbide	409-21-2	15mg/m ³			
Zirconium oxide	1344-28-1	Total dust	10mg/cu.M		+50%
Cured Phenolic Resin	None available	5mg/m ³	5mg/cu.M		+10%
		*NAIF	10mg/cu.M		+6%
May contain one or more of the following:					
Sulphur	7704-34-9	*NAIF	10mg/cu.M		+1%
Pyrite (FeS ₂)	1309-36-0	*NAIF	2.0mg/cu.M		+1%
Lime (CaO)	None available	5mg/m ³	2.0mg/cu.M		+1%
Fluorides (as F)	None available	2.5mg/m ³	2.5mg/cu.M		+1%
Glass Mesh	None available	*NAIF	10mg/cu.M		+1%
DPR Rubber	None available	*NAIF	N/A		+1%
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
Boiling Point:	N/A	Specify Gravity (H2O) = 1): 1.6 - 3.0 3.86 - 3.92 g/cc			
Vapor Pressure (MM Hg.)	N/A	Melting Point: N/A			
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1): N/A			
Solubility in Water	Slight				
Appearance and Odor:	Various colors - may give off odor in use				
SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
Flash Point (Method use):	Non-flammable	Flammable Limits:		Non-flammable	
		LEL: N/A		UEL: N/A	
Extinguishing Media:	Non-flammable				
Special Fire Fighting Procedures:	Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask and protective covering for exposed areas of the head.				
Unusual Fire and Explosion Hazards:	Does not burn or explode				
* NAIF = NO APPLICABLE INFORMATION FOUND					
* NFPA HAZARD CODES:	HEALTH: 1 FIRE: 0 REACTIVITY: 0 INITIAL REACTION HAZARD: none				

SECTION V. PHYSICAL AND CHEMICAL DATA			
Stability:	Unstable:	Conditions to avoid: None known	
	Stable: XX		
Incompability (Materials to avoid):		None known	
Harzardous Polymerization	May occur	Conditions to avoid: None known	
	Will not occur: XX		
SECTION VI. HEALTH HAZARD DATA			
Routes of entry:	During grinding	Inhalation? Yes	Sign? No
		Ingestion? No	
Health Hazards (Acute and Chronic):			
Dust from grinding classified under OSHA as inert or nuisance dust. TLV 15mg/cu.M.			
Eye contact:	Mild eye irritation	signs/symptoms can include redness, swelling, pain and tearing.	
	Mechanical eye irritation	signs/symptoms can include irritation, redness, scratching of the cornea and tearing.	
	Dust created by cutting, grinding, sanding, or machining may cause eye irritation.		
Skin contact:	Mild skin irritation	signs/symptoms can include redness, swelling and itching.	
	Mechanical skin irritation	signs/symptoms can include itching and redness.	
Inhalation:	Fibrosis (general)	signs/symptoms can include shortness of breath and persistent coughing.	
	Irritation (upper respiratory)	signs/symptoms can include soreness of the nose and throat, coughing and sneezing.	
	Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.		
If swallowed:	Ingestion is not a likely route of exposure to this product.		
	Irritation of gastrointestinal tissues; signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus.		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No
Signs and Symptoms of Exposure:			
Shortness of breath			
Medical Conditions Generally Aggravated by Exposure:			
Any respiratory ailments			
Emergency and First Aid Procedures:			
Eye contact:	Immediately flush eyes with large amounts of water, get immediate medical attention.		
Skin contact:	Flush skin with large amounts of water. If irritation persists, get medical attention.		
Inhalation:	If signs/symptoms occur, remove person to fresh air - If signs/symptoms continue, call a physician.		
If swallowed:	Do not induce vomiting. Drink two glasses of water. Call a physician.		
SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE			
Steps to be Taken In Case Material is Released or Spilled:			
Wheels should be carefully examined for damage			
Use normal clean-up procedures for grinding dust			
Waste Disposal Method:			
Standard landfill methods consistent with applicable federal, state and local laws			
Precautions to be Taken in Handling and Storing:			
Refer to ANSI Standard B7.1, Section 2			
Other Precautions:			
Refer to ANSI Standard B7.1			
SECTION VIII. CONTROL MEASURES			
Respiratory Protection (Specify Type)			
Avoid prolonged breathing of dust. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask respirator, full-face dust respirator.			
Ventilation:	Local Exhaust:	Special:	
Use with appropriate local exhaust ventilation. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate full-face dust respirator.	Required if TLV is exceeded	N/A	
	Mechanical (General):	Other:	
	Recommended	N/A	
Protective Gloves:	Eye Protection:		
Wear appropriate gloves when handling this material.	Avoid eye contact.		
	Wear safety glasses with side shields.		
Other Protective Clothing or Equipment:	Prevention of Accidental Ingestion:		Recommended Storage:
Hearing protection if required.	Do not ingest.		N/A
Work / Hygienic Practices:	Fire and Explosion Avoidance:		