

MATERIAL SAFETY DATA SHEET

**SECTION 1 - PRODUCT IDENTIFICATION AND USE**

PRODUCT IDENTIFIER <b>BONDED ABRASIVES VITRIFIED</b> (BENCH GRINDING, CUP WHEELS, PLUGSTONES AND MOINTED POINTS)			PRODUCT IDENTIFICATION NUMBER (PIN)	
PRODUCT USE <b>GRINDING OF VARIOUS MATERIALS</b>				
MANUFACTURER=S NAME <b>JET EQUIPMENT &amp; TOOLS LTD</b>			SUPPLIER=S NAME	
STREET ADDRESS <b>49 SCHOONER STREET</b>			STREET ADDRESS	
CITY <b>COQUITLAM</b>	PROVINCE <b>BC</b>		CITY	PROVINCE
POSTAL CODE <b>V3K 0B3</b>	EMERGENCY TELEPHONE NO <b>604-523-8665</b>		POSTAL CODE	EMERGENCY TELEPHONE NO

**SECTION 2 - HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENTS	%	CAS NUMBER	EXPOSURE LIMIT	CARCINOGEN
ALUMINUM OXIDE AND OR	75 % +	1348-28-1	10mg/m <sup>3</sup>	NO
SILICON CARBIDE	75 % +	409-21-2	10mg/m <sup>3</sup>	NO
SILICA, AMORPHOUS, FUSED	4 % +	60-676-86-0	0.2mg/m <sup>3</sup>	NO

**SECTION 3 - PHYSICAL DATA**

PHYSICAL STATE <b>SOLID</b>	ODOUR AND APPEARANCE <b>NO APPRECIABLE ODOUR</b>			ODOUR THRESHOLD (ppm) <b>N/A</b>
VAPOUR PRESSURE (mm Hg) <b>N/A</b>	VAPOUR DENSITY (AIR = 1) <b>N/A</b>	EVAPORATION RATE <b>N/A</b>	BOILING POINT (BC) <b>N/A</b>	FREEZING POINT (BC) <b>N/A</b>
pH <b>N/A</b>	SPECIFIC GRAVITY <b>VARIES</b>	COEFF. WATER/OIL DIST. <b>N/A</b>		SOLUBILITY IN WATER <b>SLIGHT</b>

**SECTION 4 - FIRE AND EXPLOSION DATA**

FLAMMABILITY YES NO <input checked="" type="checkbox"/> IF YES, UNDER WHICH CONDITIONS?				
MEANS OF EXTINCTION <b>N/A</b>				
FLASHPOINT (BC) AND METHOD <b>N/A</b>		UPPER FLAMMABLE LIMIT (% BY VOLUME) <b>N/A</b>		LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>N/A</b>
AUTOIGNITION TEMPERATURE (BC) <b>N/A</b>		HAZARDOUS COMBUSTION PRODUCTS <b>N/A</b>		
EXPLOSION DATA	SENSITIVITY TO IMPACT <b>AVOID DROPPING</b>		SENSITIVITY TO STATIC DISCHARGE <b>N/A</b>	

**SECTION 5 - REACTIVITY DATA**

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO IF NO, UNDER WHICH CONDITIONS?				
INCOMPATIBILITY WITH OTHER SUBSTANCES YES NO <input checked="" type="checkbox"/> IF SO, WHICH ONES?				
REACTIVITY, AND UNDER WHAT CONDITIONS <b>N/A</b>				
HAZARDOUS DECOMPOSITION PRODUCTS : <b>IN USE DUST MAY BE GENERATED</b>				

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PRODUCT IDENTIFIER <b>BONDED ABRASIVES VITRIFIED</b>			
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>			
ROUTE OF ENTRY SKIN CONTACT <b>X</b> SKIN ABSORPTION    EYE CONTACT <b>X</b> INHALATION <b>X</b> INGESTION			
EFFECTS OF ACUTE EXPOSURE TO PRODUCT <b>BREATHING FUNCTION MAY BE IMPAIRED / EYES AND SKIN MAY BECOME IRRITATED</b>			
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT <b>BREATHING FUNCTION MAY BE IMPAIRED / EYES AND SKIN MAY BECOME IRRITATED</b>			
EXPOSURE LIMITS <b>N/A</b>	IRRITANCY OF PRODUCT <b>N/A</b>	SENSITIZATION TO PRODUCT <b>N/A</b>	CARCINOGENICITY <b>N/A</b>
TERATOGENICITY <b>N/A</b>	REPRODUCTIVE TOXICITY <b>N/A</b>	MUTAGENICITY <b>N/A</b>	SYNERGISTIC PRODUCTS <b>N/A</b>
<b>SECTION 7 - PREVENTIVE MEASURES</b>			
PERSONAL PROTECTIVE EQUIPMENT:			
GLOVES (SPECIFY) <b>RECOMMENDED</b>	RESPIRATOR (SPECIFY) <b>APPROVED DUST MASK</b>	EYE (SPECIFY) <b>APPROVED SAFETY GLASSES</b>	
FOOTWEAR (SPECIFY) <b>NO</b> <b>SAFETY TOE RECOMMENDED</b>	CLOTHING (SPECIFY) <b>PROTECTIVE CLOTHING RECOMMENDED</b>	OTHER (SPECIFY) <b>EAR PROTECTION</b>	
ENGINEERING CONTROLS (SPECIFY, EG VENTILATION, ENCLOSED PROCESS) <b>ADEQUATE VENTILATION AND EXHAUSTION RECOMMENDED INDOORS</b>			
LEAK AND SPILL PROCEDURE <b>N/A</b>			
WASTE DISPOSAL <b>N/A</b>			
HANDLING PROCEDURES AND EQUIPMENT <b>SHOULD BE HANDLED, USED, AND STORED AS OUTLINED IN ANSI B7.1 2010 STANDARDS</b>			
STORAGE REQUIREMENTS <b>SHOULD BE HANDLED, USED, AND STORED AS OUTLINED IN ANSI B7.1 2010 STANDARDS</b>			
SPECIAL SHIPPING INFORMATION <b>SHOULD BE HANDLED, USED, AND STORED AS OUTLINED IN ANSI B7.1 2010 STANDARDS</b>			
<b>SECTION 8 - FIRST AID MEASURES</b>			
SPECIFIC MEASURES  <b>DURING GRINDING OPERATIONS, SOME DUST MAY ACCUMULATE WHICH MAY CAUSE SOME RESPIRATORY, EYE AND SKIN IRRITATION. FOR RESPIRATORY PROBLEMS, EMPLOYEE SHOULD BE TAKEN OUT OF DUSTY AREA AND INTO A FRESH AIR ENVIRONMENT. FOR SKIN IRRITATION, EMPLOYEE SHOULD HAVE AFFECTED AREA THOROUGHLY WASHED AND CLEANSED. FOR EYE IRRITATION, AFFECTED EYES SHOULD BE RINSED THOROUGHLY WITH WATER. IF ANY OF THE ABOVE CONDITIONS PERSIST, PATIENT SHOULD CONSULT A DOCTOR.</b>			
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>			
PREPARED BY (GROUP, DEPARTMENT, ETC) <b>Product Development Department</b>	PHONE NUMBER <b>604-523-8665</b>	DATE <b>20.01.2016</b>	

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