



COATED ABRASIVES FOR THE CRAFTSMAN

MATERIAL SAFETY DATA SHEET

49 Fitzgerald Drive Jaffrey, NH 03452 603-532-4434

Date: 7/12/2013

Section 1 - MATERIAL IDENTIFICATION AND USE

Name/Identifier: **Vitrified Mounted Points** Flammability: **0** Reactivity: **0**
 Material: **Vitrified Mounted Points** Health: **1** Personal: **0**

Section 2 - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S.N.A or U.N. Numbers	Exposure Limits		LD50/LC50 Specify Species & Route
			ACGIH TLV	OSHA PELL	
Clay	18	1332-58-7	10 mg/m ³	15 mg/m ³ (total dust)	
Feldspar	3				
Borax	3	1303-96-4			
Fused Aluminum Oxide	76	1344-28-1			
Non-Hazardous Ingredients	100				

Section 3 - PHYSICAL DATA OF MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>		Odor & Appearance A/O white, blue, pink or red - No odor.	Odor Threshold (ppm) N/A	Coeff. of Water /Oil N/A	
Vapor Pressure (mm) N/A	Vapor Density (Air=1) N/A	Evaporation rate N/A	Boiling Point (C) N/A	Freezing Point (C) N/A	
Solubility Water (20) N/A	% Volatile (by vol.) N/A	pH N/A	Melting Point A/O-2050°C	Density (g/ml) N/A	
				Specific Gravity (H2o=1): A/O-1.6-2.4	

Section 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> If YES, under what conditions: Combustion when exposed to direct flame		Extinguishing Media: None flammable	
Means of Extinction:		None flammable	
Special Procedures:		None flammable	
Flash Point (C) and Method: None	UEL (% by vol.): N/A	LEL (% by vol.): N/A	
Autoignition Temperature (C): N/A	TDG Flammability Classification: N/A		Hazardous Combustion Products: Combustion products may be toxic only in restricted, non-ventilated enclosures. No explosion hazard will occur.
Explosion Data sensitive to impact: N/A	Rate of burning: N/A	Explosive Power: N/A	Sensitivity to Static Change: N/A

Section 5 - REACTIVITY DATA

Chemical Stability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If NO, under what conditions? Use within ANSI B7.1 guidelines
Incompatibility to other substances? : Yes <input type="checkbox"/> No <input type="checkbox"/> If so which ones? N/A
Reactivity and under what conditions:
Hazardous Decomposition Products: Will not occur

Section 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry:	Skin Contact <input checked="" type="checkbox"/>	Skin Absorption <input checked="" type="checkbox"/>	Eye Contact <input checked="" type="checkbox"/>
	Inhalation Acute <input checked="" type="checkbox"/>	Inhalation Chronic <input checked="" type="checkbox"/>	Ingestion <input type="checkbox"/>
Effects of Acute Exposure to Product: Dust from grinding wheel is classified as nuisance dust.			
Effects of Chronic Exposure to Product: Coughing, Eye irritation, Itching. Medical Conditions: Bronchial and/or chronic lung disease			
Sensitization to Product:	Synergistic Materials:	Irritancy of Product:	Exposure limits to Products:
N/A	N/A	N/A	N/A
Carcinogenicity:	Reproductive Effects:	Tertongenecity:	Mutagenicity:
	N/A	N/A	N/A

Section 7 - PREVENTIVE MEASURES

Personal Protective Equipment			
Gloves recommended	Respiratory <small>OSHA approved respiratory protection or nuisance dust.</small>	Eye Safety glasses and /or dust shield	Footwear N/A
Clothing (Specify): N/A	Other (Specify): N/A		
Engineering Controls (eg ventilation): Local Exhaust recommended to eliminate nuisance dust			
Leak and Spill Procedure: Non-toxic			
Waste Disposal: Standard landfill methods consistent with Federal, Provincial and local laws.			
Handling Procedures and Equipment: Handling and storage in compliance with ANSI B 7.1			
Storage Requirements: Material will not release toxic substanced during storage at room temperature.			
Special Shipping Information: N/A			

Section 8 - FIRST AID MEASURES

Skin:	Wash thoroughly with soap and water, get medical attention if persists.
Eye:	Cleanse eyes with proper eyewash. Get medical attention if persists.
Inhalation:	Remove to fresh air. Obtain First Aid or Medical Assistance.
Ingestion:	N/A
Other Potential Health Risks & General Advise:	

Section 9 - PREPARATION DATE OF M.S.D.S.

ADDITIONAL INFORMATION COMMENTS. The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee third person approximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risks in the use of this material.

Sources Used:	
MDS information from original supplier.	ACGIH booklet for TLV.
Prepared by:	Phone number: 603-532-4434
Key:	NAIF=No applicable information found N/A= Not applicable