



SEM PRODUCTS INC.,

1685 Overview Drive
Rockhill, South Carolina 29730
United States of America

Date: Jan. 05,2023

Section 1-MATERIAL IDENTIFICATION AND USE

Name/Identifier: Performance Abrasives Blue Line

Flammability: 0 Reactivity: 0

Material: Grain: Aluminum Oxide

Bond: Epoxy Resin/ Phenol Resin

Backing: Polyester Film

Health: 0 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	
Aluminum Oxide	15-40			N/A	N/A
Epoxy Resin	5-10			N/A	N/A
Phenol Resin	15-30			N/A	N/A
Polyester Film	25-50				
Calcium Stearate	3-5				
Others	2				

Section 3-PHYSICAL DATA OF MATERIAL

Physical State Gas <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input checked="" type="checkbox"/>		Odor & Appearance 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	Density(g/ml) N/A	Specific Gravity greater than 1	

Section 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No <input type="checkbox"/> Yes <input type="checkbox"/> If YES, under what conditions: Combustion when exposed to direct flame. Means of Extinction: Dry chemical Foam CO ² Water Special Procedures: None			Extinguishing Media: ANY (chemical extinguishers not required)
Flash Point (C) and Method:	UEL (% by vol.):	LEL (% by vol.):	
Autoignition Temperature (C): N/A	TDG Flammability Classification: N/A		Hazardous Combustion Products: cO ² from incomplete combustion
Explosion Data sensitive to impact: N/A	Rate of burning: N/A	Explosive Power: N/A	Sensitivity to Static Chang N/A

Section 5 - REACTIVITY DATA

Chemical Stability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If NO, under what conditions?
Incompatability to other substances? : Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If so which ones?
Reactivity and under what conditions: Grain Will Burn, Adhesive May Shar, Backing Is Combustible.
Hazardous Decomposition Products: NAIF

Section 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: Skin Contact Skin Absorption Eye Contact
 Inhalation Acute Inhalation Chronic Ingestion

Effects of Acute Exposure to Product: Dust may irritate eyes. Inhalation may cause coughing and shortness of breath. Skin may cause physical abrasion.

Effects of Chronic Exposure to Product: Inhalation may effect breathing capacity

Sensitization to Product: N/A	Synergistic Materials: N/A	Irritancy of Product: N/A	Exposure limits to Products: N/A
Carcinogenicity: N/A	Reproductive Effects: N/A	Teratogenicity: N/A	Mutagenicity: N/A

Section 7 - PREVENTIVE MEASURES

Personal Protective Equipment:			
Gloves: Leather	Respiratory: NIOSH/MSHA dust masks 24c fr1910.134	Eye: Safety glasses	Footwear: None
Clothing (Specify): long sleeves to minimize dust contact		Other (Specify): hearing protection may be required.	
Engineering Controls (eg ventilation): Local ventilation to keep dust below TLV levels			
Leak and Spill Procedure: Normal clean up procedures. (Vacuum dust to prevent air borne particles)			
Waste Disposal: Standard landfill methods consistent with Federal, Provincial and local laws.			
Handling Procedures and Equipment: NAIF			
Storage Requirements: Recommend storage 40-90 F and 30-80% R.H			
Special Shipping Information: WHMIS controlled product Class D2B			

Section 8 - FIRST AID MEASURES

<p>Skin: Wash area thoroughly and cover abraded area with sterile bandage. Obtain First Aid or Medical assistance if needed.</p>
<p>Eye: Flush with water for 15 minutes. Obtain First Aid or Medical assistance if needed.</p>
<p>Inhalation: REMOVE to fresh air, artificial respiration as needed. Obtain First Aid or Medical assistance if needed</p>

Ingestion: No known adverse effects, but ingestion not recommended.

Other Potential Health Risks & General Advise: Good health and Safety practice requires that MSD information for te article being sanded be used in conjunction with his data in order to provide a full and complete understanding of the potential hazards involved.Obtain First Aid or Medical assistance if needed.

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.

Prepared by:

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Key:NAIF=No.applicable information found