

# 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



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<b>IDENTITY</b> RESIN FIBER DISC <b>TYPE "PMD" RFD CERAMIC</b>	<i>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.</i>
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### Section I

Manufacturer's Name <b>GLIT/GEMTEX COMPANY LIMITED</b>	Emergency Telephone Number <b>416 245 5605</b>
Address (Number, Street, City, State, and ZIP Code) <b>60 BELFIELD ROAD</b>	Telephone Number for Informator <b>416 245 5605</b>
<b>TORONTO, ONTARIO</b>	Date Prepared <b>1-Jan-07</b>
<b>M9W 1G1, CANADA</b>	Signature of Preparer (optional)

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
VULCANIZED FIBER	N/A	N/A	N/A	30-60
ALUMINUM OXIDE Al <sub>2</sub> O <sub>3</sub>	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	1344-28-1	15-30
CERPASS-XTL <sup>R</sup>	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	1344-28-1	10.-50
BINDER SYSTEM	N/A	N/A	N/A	13-25
CRYOLITE Na <sub>3</sub> AlF <sub>6</sub>	15 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	15096-523	6.0-15
POTASSIUM FLUOROBORATE KBF <sub>4</sub>	2.5 mg/m <sup>3</sup>	± 2.5 mg/m <sup>3</sup>	± 14075-53-7	6.0-15

### Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
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	N/A		
Appearance and Odor			
Green backing-odorless			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A		N/A	N/A
Extinguishing Media			
Water spray, Co <sub>2</sub> , Foam, Dry chemical or any class A extinguishing agent			
Special Firefighting Procedures			
Backing & resin binder will burn or decompose. Use respiratory protection			

Unusual Fire and Explosion Hazard:  
N/A

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**Section V - Reactivity Data**

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Stability	Unstable	Conditions to Avoid
	Stable	No applicable information found

Incompatibility (Materials to Avoid)  
N/A

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**Hazardous Decomposition or Byproducts**

During use, dust and fumes are generated, generally more from material being ground

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	No applicable information found

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**Section VI - Health Hazard Data**

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Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	fume/dust during use	Abrasion	Not known nor recommended

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**Health Hazards (Acute and Chronic)**

Nuisance dust, respirable - 5mg/m<sup>3</sup>, total - 15mg/m<sup>3</sup>, may irritate eyes, elevated sound level during use on some metal / jobs

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Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

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**Signs and Symptoms of Exposure**

Could cause coughing and shortness of breath due to dust, may affect breathing, may cause abrasion on skin, dust may irritate eyes

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**Medical Conditions**

Generally Aggravated by Exposure: N/A

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**Emergency and First Aid Procedure**

Remove to fresh air if needed, wash eyes with water, obtain first aid or medical assistance as deemed necessary.

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**Section VII - Precautions for Safe Handling and Use**

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Steps to be Taken in Case Material is Released or Spilled  
N/A

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**Waste Disposal Method**

No special procedure required, standard landfill consistent with applicable federal, state and local laws.

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**Precautions to be Taken in Handling and Storage**

Handling: OSHA 29cC FR 1910-94 (ventilation) and OSHA 29C FR 1910.1000 (air contaminants)

Storage: Away from heat source. Ideally at 35% - 50% RH and 60 - 70 deg. F with ventilation

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**Other Precautions**

Use CAMI (Coated Abrasive Mfg. Institute) guidelines, follow tool guidelines

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**Section VIII - Control Measures**

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**Respiratory Protection (Specify Type)**

As required - approve dust respirator OSHA 24C FR 1910.13

Ventilation	Local Exhaust	Special
	Recommended	No applicable information found
	Mechanical (General)	Other
Recommended	No applicable information found	

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**Protective Gloves**

Recommended

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**Other Protective Clothing or Equipment**

Protective clothing recommended to cover exposed skin

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**Work/Hygenic Practices**

Eye/face/hearing protection - (ANSI std. Z87.1) OSHA 29CFR 1910.133 , OSHA 29CFR 1910.134

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