

**Kardol Quality Products**  
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**MATERIAL SAFETY DATA SHEET**  
# 173100 & 502713  
Trade Name: **Processed Mineral Fiber**

**Section 1: Material Identification**

Chemical Name	CAS #	Weight Percent	Occupational Exposure Limits			Vapor PI@ Temp MM Hg
			OSHA PEL	ACGIH TLV	Other	
Slag Wool		> 99.5%				

**Section 2: Physical & Chemical Properties**

**Boiling Point:** N/A  
**Vapor Density:** N/A  
**Evaporation:** N/A  
**Vapor Pressure:** N/A  
**Specific Gravity:** 2.7  
**Appearance & Odor:** Light Gray / N/A  
**Solubility in Water:**  
**Non-fibrous (wt %)** 5.0 max  
**Wet Bulk Volume (mL)** 130  
**Fiber Diameter** 5  
**Fiber Length** 200 microns (approximately 1/5 the size of beach sand)  
**Bulk Density** 25 pounds/cubic feet  
**Tensile Strength** 9 x 10<sup>4</sup> psi  
**Modulus of Elasticity** 8 x 10<sup>6</sup> psi  
**Glass Transition Temp** 1800 degrees F  
**Devitrification Temp** 1600 degrees F

**Section 3: Fire & Explosion Hazard Data**

**Flash Point:** N/A  
**PH:**  
**Flammability Limits:** LEL: N/A , UEL: N/A  
**Extinguisher Media:** Dry Chemical, CO2, Foam  
**Special Fire Fighting:** This material is not flammable. It presents no fire or explosion hazard  
**Unusual Fire Hazard:** N/A

**Section 4: Reactivity Hazard Data**

**Stability:** Stable, polymerization will not occur  
**Conditions to Avoid:**  
**Avoid:** Concentrated mineral acids or bases  
**Hazardous Decomposition:** N/A