

U.S. DEPARTMENT OF LABOR
DATE: June 16, 1977 Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

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03649452

SECTION I

MANUFACTURER'S NAME W. R. Grace & Company		EMERGENCY TELEPHONE NO. 617-876-1400 X 457
ADDRESS (Number, Street, City, State, and ZIP Code) 62 Whittemore Avenue-Cambridge, MA 02140 Quality Assurance Manager		
CHEMICAL NAME AND SYNONYMS Expanded Libby Montana Vermiculite-Ground		TRADE NAME AND SYNONYMS GV-E (Ground Vermiculite)
CHEMICAL FAMILY Magnesium Aluminosilicate Mineral	FORMULA (Mg,Ca,K)-(Al,Fe,Mg)-(Si,Al) ₄ (O) ₁₀ (OH) ₂ H ₂ O	

SECTION II - HAZARDOUS INGREDIENTS

Contains no detectable tremolite contaminant as determined by x-ray diffraction analysis.

The physical handling of expanded vermiculite can create a nuisance dust level in excess of OSHA Standards. Normal industrial control practices should be followed.



SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	NA
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (_____ =1)	NA
SOLUBILITY IN WATER	slight, if any	Bulk Density lbs/c.f.	8-10
APPEARANCE AND ODOR	Free flowing dark brown to tan colored fine particles.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA NOT APPLICABLE

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

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Form OSHA-20
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