

THE PREMIER MICA COMPANY
(ISO 9001 2000 CERTIFIED)



MATERIAL SAFETY DATA SHEET (MSDS) for GARNET

1. DESCRIPTION OF MATERIAL

Material : Garnet
Appearance : Dark brown / Reddish – granules
Product Name : *PREMICA - GARNET*
Normal State : Solid
Normal Form : Granules
Chemical Analysis :

ELEMENT	% BY WEIGHT
SiO ₂	40 – 45
Al ₂ O ₃	13 – 18
MgO	3 – 8
K ₂ O	0.1
Fe ₂ O ₃	29– 34
TiO ₂	1 – 3
CaO	0.01
Na ₂ O	0.5 – 1

2. FIRE EXPLOSIVE AND REACTIVE DATA

Flammability : Non Flammable - Will not form flammable dust in fire
Explosivity : Non Explosive-Will not form flammable dust cloud in fire
Reactivity : None
Extinguishing media : Any suitable material for fire

3. PRODUCT HEALT HAZARD INFORMATION

Corrosivity : Non Corrosive
Acute Toxicity : Non Toxic
Chronic Toxicity : Non toxic by ingestion or skin contact. Long term inhalation of vermiculite dust above occupational exposure standards may result in impairment of lung functions and cause irritation to eyes on contact.
Reactivity : Non Reactive and Inert

4. PERSONAL PROTECTION

No special protection is required other than what is used during handing flakes.
When handling fine grades dust masks should be used.

5. DISPOSAL PROCEDURE

Normal factory disposal procedure can be followed.

6. FIRST AID PROCEDURES

Eyes : Flush eyes with plenty of clean cool water
Inhalation : Shift to an area with clean air. If not breathing give artificial respiration followed by oxygen.