Date :- 23/12/2017.

**MATERIAL SAFETY DATA SHEET**

**KALPANA MINERALS PVT LTD**

**1. Identification of preparation and of the Company**

 Product Name:  **DOLOMITE 1.5 mm & 50/150**

 (Natural Ground Dolomite )

 Intended use: As functional filler & extender for

 Paints / rubber etc

 Company Name:

 **Kalpana Minerals Pvt Ltd**  Tel No: (022) 2409 2251

 M/6, Sundaram Bldg, Fax: No: (022) 2407 3121

 Sion Circle, E mail: minerals100@yahoo.com

 Sion , Mum-022.

**2. Compostion/ Information on Ingredients:**

 **Chemical characterization:**  **Natural Ground Dolomite**

 **Description:** Carbonate of Calcium and Magnesium with formula

 Ca .Mg( CO3 )2

 Cas. Nr Concentration TLV

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 Dolomite Sand 16389-88-1 99 % 5 mg / m3

 Res . OSHA

 Free Crystalline Silica ( Quartz ) 0.1 – 1 % 0.1- 1 % 0.1 mg / m3

 **Dangerous components:** None

 **HS Code No :** 2518 10 00

**3. Hazards identification of the preparation:**

Inhalation: Repeated & prolonged over exposure to large amounts of dust may induce mild irritation The observance of current national occupational exposure limits (TLVS) to prevent lung overloading provides an efficient protection & is therefore recommended.

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**4. First Aid measures**

**Inhalation:** Accidental massive inhalation may lead to coughing & slight irritation. Remove subject to fresh air & seek medical assistance, if symptoms persist.

**Eye contact**: Accidental directs contact with eyes may cause, as most dusts, a temporary discomfort due to mechanical irritation. Wash the affected eyes copiously with clean water.

**Skin contact**: Wash affected skin copiously with water

**If ingested**: Have subject drink water. Do not induce vomiting Obtain medical assistance immediately

**5. Fire fighting measures**

**Suitable extinguishing media:** Not flammable - Not explosive. All extinguising media allowed on site

Special hazards caused by the material, its combustion products or

**Resultant gases:** None

Special personal protection equipment: None

**6. Accidental release**

**Personal safety precautions** : If dust level exceeds the TLV, approved respirators should be worn.

**Measures for environmental protection :** No special precautions required

**Measures for cleaning & collecting**: Remove mechanically, Vacuum residues. If the dispersed dolomite is already wet, then floor should be thoroughly flushed with water until it is not slippery anymore.

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**7. Handling and storage**

**Handling:** Avoid generating dust in excess of TLV. If necessary, ventilates sufficiently or wear approved respirators. Preferably keep all floors work areas, stairs & handrails dry.

**Protection against fire and explosion:** Non combustible

 Non explosive.

**Storage:** Keep product dry. All normal packing materials suitable

**Flammability Class:** Not flammable.

**8. Exposure controls/personal protection**

**Additional information for design of technical systems:** If necessary, install dust collectors or additional ventilation or exhaust systems in the work areas to maintain low dust levels.

Components with workplace-related limits to be monitored:

Designation % Type of data Unit

 Not applicable

 **Personal protection equipment:**

**Hand protection :** Protective gloves are not necessary. They may be worn by workers susceptible to skin irritation or dryness.

**Eye protection :** If necessary, Safety goggles may be worn to prevent eye contact with large quantities of airborne dust.

**Respiratory protection :** Approved respirators should be worn incase the dust level exceeds the authorised limits.

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 **9. Physical and chemical properties**

 **Form :**  Sand

 **Colour:** White/Cream/ Grey / Light pink – green tone

 **Odour :** None Value Unit

 Change in physical state

 **Melting point :** 1300'C - 1400'C

 **Flash point. :** Not Available

  **Flammable properties.** **:** Not Flammable

 **Thermal decomposition :** >1300'C

 **Explosion risks:** No danger of explosion

 **Vapour pressure:** Not Available

 **Specific Gravity(20'C) :** 2.70 - 2.80

 **Solubility in water(20'C):**  Insoluble

 pH-Value: (at 100 g/l H2O) (20'C) 9 - 10

 **10. Stability and reactivity**

 **Conditions to be avoided :** stable in general however avoid storage in

 wet places to prevent agglomeration.

  **Minimum shelf life :** There is no limit on shelf life as long as products

 are stored in safe dry place.

 **Dangerous reactions :** None

 **Dangerous products of decomposition:** none

**11. Toxicological Information :** Dolomite Sand is Not Toxic,

 Hazardous or dangerous.

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**12. Ecological information :**

No known environmental effects. No harm to water life & in Biological sewage treatment plants.

**13. Disposal consideration :**

**Product:** Dolomite sand is completely non hazardous

Recommendation: Can be disposed off by letting the spillage go to Drip pit or

 Chemical Sewer.

 Flush small spillages with plenty of water & wipe clean.

**14. Transport information :** No labelling required at Land, Air or Sea transportation.

**15. Regulatory information :** No special labeling is required, since all minerals contained in this product are not classified as dangerous

 **Water risk class. :** Not applicable.

**16. Further information. :** Information contained in this Material Safety Data sheet is believed to be reliable but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them or results to be obtained.

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