

Material Safety Data Sheet

Calcined Kaolin – **POZZOFILZ “METAKAOLIN”**
(Paint, Coating, Ceramic grade)
POLYCLAY (Polymer and Rubber grade) –
CALCINED KAOLIN

Revision date: 10/20/05 Date Printed: 10/20/05

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: KAOLIN CALCINED
Product Use: Filler & Extender
Supplier: **ZIGMA INTERNAIONAL**
14, Arkose Industrial Area
Village: Dheku, Taluka: Khalapur
Dist. Raigad, Maharashtra, India
Tel: 91-22-2421 6374
Fax: 91-22-2421 6371

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Kaolin Calcined	Notes
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<u>CAS Number</u>		
1332 – 58 - 7		None.

3. HAZARDS IDENTIFICATION

Emergency Overview:
Color: White
Form: Powder
Odor: Odorless
Flash Point, °C: Not Applicable
Most Important Hazards: Prolonged or repeated exposure may cause lung damage. Potential Health Effects:

Inhalation: Nuisance dust. May cause irritation of the respiratory tract.
 Ingestion: No adverse health effects are expected from swallowing.
 Skin Contact: May cause mechanical irritation.
 Eye Contact: May cause mechanical irritation.

Carcinogenicity:

Ingredient	Weight in	NTP	IARC	OSHA	ACGIH
Kaolin, Calcined	~100	N	N	N	A4

1332 – 58 - 7

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Ingestion: Procedures normally not needed. If large quantities are ingested, seek medical advice.

Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point, °C: Not Applicable

Autoignition Temperature, °C: Not Applicable

Lower Explosive Limit, %: Not Applicable

Upper Explosive Limit, %: Not Applicable

Extinguishing Media: None - does not burn.

Use extinguishing media appropriate for surrounding fire.

Fire Fighting Procedures: None required; however, when fighting chemical fires, self-contained breathing apparatus and protective clothing is recommended.

Unusual Fire and Explosion Not a fire or explosion hazard.

Spill Procedures:

- Store in cool dry place.
- Material may be slippery when wet. • Avoid generating or breathing dust. • Avoid contact with eyes.
- Wash thoroughly after handling. • Use with adequate ventilation. • For industrial use only.

6. ACCIDENTAL RELEASE MEASURES

Scoop up or vacuum into a container for reclamation or disposal. Avoid dusting.

7. HANDLING AND STORAGE

Do not breath dust. Keep away from acid & alkalis. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Kaolin, Calcined ~100 15 mg/m³ (Total dust)
2 mg/m³ (Respirable fraction)
1332- 58 - 7 5 mg/m³ (Respirable fraction)

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2005 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

Personal Protective Equipment: Safety glasses with side shields. Wear suitable gloves. Respiratory Protection: Use a NIOSH/MSHA approved respirator as necessary to protect from: dust. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

Ventilation: General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Color: White
Odor: Odorless
Specific Gravity: 2 to 3
Solubility (in water): Insoluble
pH: Min: 6 Max: 8

10. STABILITY AND REACTIVITY

Stability Data:	Stable
Conditions/Hazards to Avoid:	None anticipated
Incompatibility (Materials to Avoid):	None known.
Hazardous Decomposition Products:	None anticipated
Polymerization:	None anticipated.

11. TOXICOLOGICAL INFORMATION

Information on Product:	No data available.
Information on Components:	

12. ECOLOGICAL INFORMATION

Information on Product:	
Environmental Fate:	Not hazardous to the environment.
Ecotoxicological Information:	Not hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated
Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

14. TRANSPORT INFORMATION

International Transport Regulations:	
ICAO Class:	Not Regulated
IMO Class:	Not Regulated

15. OTHER INFORMATION

Prepared By: ZIGMA INTERNATIONAL

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is.