

74269-1003

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY

Issued: 28/7/03

Page: 1-4

1. IDENTIFICATION OF SUBSTANCE OR PREPARATION

1.1 PRODUCT IDENTIFICATION

PRODUCT NAME: CLAYCHEMICAL NAME: SILICON DIOXIDE MIXTURECHEMICAL IDENTIFICATION: SILICON DIOXIDE MIXTURE

1.2 COMPANY DETAILS

NAME : CANGLONG CLAY MANUFACTORY CO. LTD.ADDRESS : FENG TANG INDUSTRIAL ESTATE, CHAO AN ZHEN, CHAO YAN CITY, GUANG DONG CHINATEL.: 0768-6883508 FAX: 0768-6883789

1.3 EMERGENCY TELEPHONE

NAME : CANGLONG CLAY MANUFACTORY CO. LTD.ADDRESS : FENG TANG INDUSTRIAL ESTATE, CHAO AN ZHEN, CHAO YAN CITY, GUANG DONG CHINATEL.: 0768-6883508 FAX: 0768-6883789

2. INGREDIENTS

<u>COMPOSITION</u>	<u>PERCENTAGE</u>	<u>HAZARDOUS INGREDIENTS</u>
SiO ₂	60%	None
Al ₂ O ₃	17%	None
H ₂ O	23%	None

3. HEALTH HAZARD DATA

3.1 HEALTH EFFECTS SUMMARY:

3.1.1 EFFECTS OF OVEREXPOSURE

INGESTION : UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE EXPECTEDINHALATION : UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY

Issued: 28/7/03

EXPECTEDSKIN CONTACT : UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE EXPECTEDEYE CONTACT : UNDER NORMAL CONDITIONS OF USE, NO ADVERSE EFFECTS ARE EXPECTED, BUT, DIRECTED / REPEATED CONTACT OF CONCENTRATED PRODUCT WILL CAUSE TRANSIENT IRRITATION.3.1.2 OTHERS EFFECT FROM OVEREXPOSURE: NO SIGNIFICANT EFFECT REPORTED

Page: 2-4

4. FIRST AID PROCEDURES

- 4.1 INGESTION : CONSULT DOCTOR IF ANY SYMPTOMS APPEAR OR YOU FEEL UNWELL...
- 4.2 INHALATION : REMOVE TO FRESH AIR
- 4.3 SKIN CONTACT : WASH WITH SOAP AND WATER
- 4.4 EYE CONTACT : IMMEDIATELY GENTLY FLUSH EYE WITH WATER

5. FIRE AND EXPLOSION HAZARD DATA

- 5.1 FLASH POINT : NOT APPLICABLE
- 5.2 FLAMMABLE LIMITS : NOT APPLICABLE
- 5.3 EXTINGUISHING MEDIA : WATER MIST, FOAM, DRY CHEMICAL, CO2
- 5.4 FIRE FIGHTING PRECAUTIONS : WEAR IMPERVIOUS CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.
- 5.5 UNUSUAL HAZARDS : MATERIAL CAN BURN WHEN TEMPERATURE OVER 500°C. MAY FORM FLAMMABLE OR EXPLOSIVE DUST CLOUDS IN AIR

6. SPILLAGE AND LEAKAGE PROCEDURES

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:
CONTAIN SPILLAGE AND TRANSFER TO A SEALABLE CONTAINER. RESIDUE MAY BE WASHED AND WILL DISSOLVE IN WATER.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY

Issued: 28/7/03

7. STORAGE AND HANDLING

- 7.1 HANDLING: NO SPECIAL PRECAUTIONS.
- 7.2 STORAGE: TO PREVENT THE MATERIAL BECOMES HARDEN OR CRACKED: KEEP STORE IN SEALED POLYBAG UNDER COOL, DRY CONDITIONS AWAY FROM SOURCES OF HEAT.

8. OCCUPATIONAL CONTROL PROCEDURES

- 8.1 PERSONAL HYGIENE: WASH THOROUGHLY AFTER HANDLING. ESPECIALLY BEFORE EATING OR DRINKING. REMOVE / LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.
- 8.2 RESPIRATORY PROTECTION : NOT APPLICABLE
- SKIN PROTECTION : NOT APPLICABLE
- EYE PROTECTION : NOT APPLICABLE

Page: 3-4

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT STATE: SOFT CLAY COLOR: WHITE / RED / GREY ODOR: SLIGHTLY ODOR

FLASH POINT: NOT APPLICABLE (WATER SOLUBLE SYSTEM)

EXPLOSION LIMIT (%) UPPER : NOT APPLICABLE (WATER SOLUBLE SYSTEM)

LOWER : NOT APPLICABLE (WATER SOLUBLE SYSTEM)

SOLUBILITY IN WATER : SOLUBLE

PERCENT VOLATILE : ~51% (WATER)

MELTING POINT : NOT APPLICABLE

FREEZING POINT : -0°C

10. REACTIVITY DATA

- 10.1 STABILITY : STABLE
- CONDITIONS TO AVOID : NONE KNOWN

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY

Issued: 28/7/03

HAZARDOUS DECOMPOSITION PRODUCTS: MELTING OF THIS PRODUCT OVER 500°C WILL RELEASE CARBON DIOXIDE.

10.2 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

10.3 INCOMPATIBILITY (MATERIALS TO AVOID): NONE

11. TOXICOLOGY INFORMATION

THE PRODUCT HAS NOT SHOWN ANY EVIDENCE IN TESTS SO FAR OF BEING CARCINOGENIC, MUTAGENIC OR TOXIC FOR REPRODUCTION. IN MANY OF THE TESTS REVIEWED UP TO NOW, THE TESTS INDICATED NO SIGNIFICANT ADVERSE LONG TERM EFFECTS IF THE PRODUCT IS USED AS INTENDED AND RECOMMENDED BY THE MANUFACTURER. THERE IS CONSIDERABLE PRESUMPTION, PARTIALLY SUPPORTED BY EXPERIMENTAL FINDINGS, THAT IT IS RAPIDLY METABOLISED AND EXCRETED BY MAMMALS.

12. ENVIRONMENT PRECAUTIONS

12.1 PREVENT ENTRY INTO DRAINS, SEWERS AND WATER COURSES BEFORE THE PRODUCTS DISSOLVED.

12.2 TOXICOLOGY: NO EFFECTS INDICATED ON ANIMALS OR PLANTS.

Page: 4-4

13. DISPOSAL CONSIDERATIONS

13.1 WASTE DISPOSAL METHOD: INCINERATION OR LANDFILL COMPLYING WITH REGULATIONS APPLICABLE IN COUNTRY OF USE.

13.2 DRUM DISPOSAL: REMOVE SURPLUS MATERIAL AND DISPOSE AS ABOVE, OR RECYCLE.

14. TRANSPORTATION INFORMATION

ROAD TRANSPORT (ADR/RID) : NOT REGULATED

MARITIME TRANSPORT (IMDG Code) : NOT REGULATED

AIR TRANSPORT (ICAO/IATA) : NOT REGULATED

MARPOL : NOT REGULATED

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLAY

Issued: 28/7/03

15. OTHER INFORMATION

NOTE:

THE INFORMATION CONTAINED HEREIN IS FOR HEALTH AND SAFETY GUIDANCE ONLY AND DOES NOT CONSTITUTE A SPECIFICATION. IT IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS.
