

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: Kaolin Light BP (China Clay)

Product code:

SUPPLIER: Saffire Blue Inc. 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Origin: An absorbent clay base material consisting of the following minerals.

Kaolin: CAS No: 1332-58-7. EC No: 310-194-1. % 100

Tetrasodium Pyrophosphate: Cas No7722-88-5. EC No: 231-767-1. %<0.3

Status: chemical. Use: Cosmetics

3. HAZARDS IDENTIFICATION:

4. FIRST-AID MEASURES:

INHALATION:	Remove from exposure. Seek medical attention for any breathing difficulty
EYE CONTACT:	Rinse immediately with plenty of water for at least 15 mins, lifting upper & lower lids occasionally. Contact a doctor if irritation persist.
SKIN CONTACT:	Wash thoroughly with soap & water, flush with plenty of water for at least 15 mins. Remove contaminated clothing & shoes. Wash clothing before re-use. Thoroughly clean shoes before re-use. If irritation develops, seek medical advice.
INGESTION:	Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention.
OTHER:	When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED:	Use CO ₂ , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
EXTINGUISHING PROCEDURES:	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.
SPECIAL MEASURES:	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid contact with skin eyes and clothes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing).
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS	Remove all potential ignition sources. Contain spilled material.
SPILLAGES:	Ventilate area of leak or spill, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Clean cloths must be worn. Observe all warnings and precautions listed for the product.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Avoid dust formation and control ignition sources. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product dust. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.
WORKPLACE EXPOSURE LIMITS:	Silica: EH40 (United Kingdom (UK) 2005) TWA: 0.3mg/m ³ Tetrasodium Pyrophosphate: (United Kingdom (UK) 2005) TWA: 5mg/m ³ Kaolin: EH40 (United Kingdom (UK) 2005) TWA: 2mg/m ³

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	White
APPEARANCE:	Solid (powder)
ODOUR:	None
BOILING POINT:	Decomposition temperature >550 degC (1022 degF)
DENSITY:	2.6 g/cm ³
SOLUBILITY:	Negligible in water. Soluble in Hydrofluoric acid.

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

No data available

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: No data available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

Avoid disposing into drainage systems and into the environment.

14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a

SEA (IMDG): n/a

AIR (IATA): n/a

CHIP: See section 15

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS: n/a

SYMBOLS: n/a

RISK PHRASES: n/a

SAFETY PHRASES: S 22 Do not breathe dust

16. OTHER INFORMATION.

PACKAGING:

Type

Suitability

Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	No
Other plastic	Yes
Paper / poly bags	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals.

O.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume

liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.