CHEMEX

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NUMBER	.BT-Tight
PRODUCT TYPE	Water-based Adhesive
MANUFACTURER	CHEMEX ASIA CO.,LTD.
	1,5 Bang Bon 5 (Sai Doem) Rd,
	Nongkham, Bangkok 10160 Thailand
	Tel. (662) 878-7999 Fax. (662) 878-7980-1

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	Wt %
PVAC	40 - 50
Fillers	5 - 15
Others	5 - 10
Water	30 - 40

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY	Inhalation, Eyes, Skin, Ingestion.
INHALATION	At room temperature these materials are expected to have low vapor pressure, inhalation hazard will be low unless material is heated or misted.
EYE CONTACT	Eye contact may cause irritation.
SKIN CONTACT	Prolonged or repeated contact may cause skin irritation.
INGESTION	May be harmful if swallowed.
SYMBOL	

4. FIRST AID MEASURES

GENERAL INFORMATION	Remove contaminated, soaked clothing immediately and dispose of safely.
INHALATION	Move to fresh air. If symptoms persist, call a physician.
EYE CONTACT	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
SKIN CONTACT	Wash off with soap and water. If symptoms persist, call a physician.
INGESTION	Rinse mouth. Do not induce vomiting. Give one or two glasses of water to drink. Never give anything by mouth to unconscious or convulsing person. Call a physician.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Foam, Dry powder, Carbon dioxide (CO_2), Water spray.
EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS	Do not use a solid water stream as it may scatter and spread fire.
SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, ITS COMBUSTION PRODUCTS, OR RELEASED GASES	Under conditions giving incomplete combustion, hazardous gases produced may consist of Carbon monoxide, Carbon dioxide (CO_2). Combustion gases of organic materials must in principle be graded as inhalation poisons.
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS	Wear self contained breathing apparatus for fire fighting if necessary.
ENVIRONMENTAL PRECAUTIONS	Dike and collect water used to fight fire.
OTHER INFORMATION	This is a water-based product and presents no particular fire or explosion hazard.

6. ACCIDENTIAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Forms slippery / greasy layers with water.
ENVIRONMENTAL PRECAUTIONS	Do not allow to enter drains or waterways. Contain contaminated water / fire fighting water
METHODS FOR CLEANING UP / TAKING UP	Pick up with absorbent materials (Sand, sawdust). Clean contaminated floors and objects thoroughly, observing environmental regulations.

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING	Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. Open containers in ventilated area. Do not breathe vapor.
ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION	No special protective measures against fire required.
FURTHER INFORMATION ON STORAGE CONDITIONS	Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5°C and 40°C. Agitate before use. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS	
ENGINEERING MEASURES	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
PERSONAL PROTECTIVE EQUIPMENT	
GENERAL ADVICE	Avoid contact with skin and eyes.
HYGIENE MEASURES	Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.
EYE PROTECTION	Safety glasses.
HAND PROTECTION	Chemicals resistant gloves, rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
APPEARANCE	Milky white.
VISCOSITY @ 30°C	45,000 - 65,000 mPa·s
SOLID CONTENT	46 - 49 %

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under recommended storage conditions.
CONDITIONS TO AVOID	Do not freeze.
INCOMPATIBLE MATERIALS	Materials that react with water.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ROUTES OF EXPOSURE	Inhalation, Eyes, Skin, Ingestion

IMMEDIATE EFFECTS

INHALATION	May cause respiratory tract irritation.
EYE CONTACT	May cause eye irritation.
SKIN CONTACT	Prolonged or repeated exposure may cause skin irritation.
INGESTION	May cause gastrointestinal irritation.

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12. ECOLOGICAL INFORMATION

Do not allow to enter soil, waterways or waste water canals. Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment.

13. DISPOSAL CONSIDERATIONS

PRODUCT INFORMATION	Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.
UNCLEANED EMPTY PACKAGING	Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse . Regulations concerning reuse or disposal of used packaging materials must be observed.

14. TRANSPORT INFORMATION

ADR	None hazardous goods.
RID	None hazardous goods.
ADNR	None hazardous goods.
IMDG	None hazardous goods.
ICAO/IATA	None hazardous goods.
DISPATCH BY POST	Permitted.

15. REGULATORY INFORMATION

Hazard warning labelling not compulsory.

VbF : is not subjected to the regulations for flamable liquid.

16. OTHER INFORMATION

To the best our Knowledge, the information contianed herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.