

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: SWELL ADHESIVE
Product use: Adhesive for Waterstop installation
Company name: Clevcon (Thailand) Co., Ltd.
Address: 14/12 Moo 5, Bung Kham Proi, Lam Luk Ka, Pathum Thani 12150
Contact no: Tel: +662-569-1540 Fax: +662-569-1541

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a preparation. Product does not contain any substances presenting a health or environmental hazard.

3. HAZARD IDENTIFICATION

Not classified as hazardous according to regulatory criteria.

4. FIRST AID MEASUREMENTS

Eye contact: Rinse with plenty of water. See doctor if irritation persist.
Skin contact: Wash with soap and water. If skin irritation persists, call a physician.
Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Precautions for fire-fighters: Fire fighters should wear full protective clothing and self contained breathing apparatus appropriate for the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.
Environmental precautions:	CAUTION: Keep spills and cleaning runoff out of municipal sewer and open bodies of water.
Methods for cleaning up:	Contain spills immediately with inert materials (e.g. sand, earth) Transfer liquids and solid material to separate suitable containers for recovery or dispersal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.
Further Information on storage conditions:	Keep from freezing – product stability may be affected. STIR WELL BEFORE USE.
Handling:	Storage temperature: 1 – 49 °C

8. EPOSURE CONTROL / PERSONAL PROTECTION

Exposure limit (s):	Exposure limits are listed below, if they exist.
Exposure controls	
Eye protection:	Safety glasses with side-shields. Eye protection worn must be compatible with respiratory protection system employed.
Hand protection:	The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves
Respiratory Protection:	Use certified respiratory protection equipment meeting EU requirements (89/656/EEC). Or equivalent, when respiratory risks cannot be avoided or sufficiently limited by technical means of collective protection or by means of collective protection or by measures, methods or procedures of work organization.
Protective measures:	Facilities storing or utilizing this material should be equipped with an eyewash facility.
Engineering measures:	Use only in area provided with appropriate exhaust ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid milky
Color:	White
Odor:	Ammonia
pH:	7 - 10
Density:	0.95 – 1.05 g/cm ³
Boiling point/range:	100 °C Water
Water Solubility:	Dilutable
Vapour pressure:	17.0 mmHg at 20 °C Water
Viscosity, dynamic:	800 – 2,500 mPa.s
Flash Point:	Noncombustible
Relative vapour density:	<1.0 Water
Evaporation rate:	<1 Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Hazardous reactions:	None known. Stable
Material to avoid:	There are no known materials which are incompatible with this product.

11. TOXICOLOGICAL INFORMATION

No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Acute oral toxicity:	LD60 rat >5,000 mg/kg
Acute dermal toxicity:	LD60 rabbit >5,000 mg/kg
Skin irritation:	rabbit May cause transient irritation.
Eye Irritation:	rabbit No eye irritation.

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

- Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water
- Disposal:** Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

- Classification for ROAD and Rail transport:** Not regulated (Not dangerous for transport).
- Classification for SEA transport (IMO-IMDG):** Not regulated (Not dangerous for transport).
- Classification for AIR transport (IATA/ICAO):** Not regulated (Not dangerous for transport).

15. REGULATORY INFORMATION

- U.S. Regulatory Information:** All ingredients of this product are listed or are excluded from listing under the U.S. Toxic substances Control Act (TSCA) Chemical substance Inventory.
- SARA Hazard Classes:** Acute health hazard Chronic health hazard
- SARA Section 313 Notification:** This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

16. OTHER INFORMATION

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handled and use the product in the workplace. Can not anticipate or control the condition under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is need to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions.

Disclaimer

*For general safety and handling information please refer to **Clevcon (Thailand) Co.,Ltd**, information shown is based on our experience to date and is true to the best of our knowledge. Any recommendations or suggestions made are without any guarantee. No responsibility is accepted that the information herein is sufficient or correct in all cases.*

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