WORLD BRAND ADHESIVE

SAFETY DATA SHEET

Product Name: World Brand Acrylic Sealant	**Version No:** 002
Product Code: N/A	**History:** Created: 28/12/2010, Last Updated: 18/11/2026

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	World Brand Acrylic Sealant
Product Name / Code:	World Brand Acrylic Sealant / N/A
Recommended Use:	Water-based Sealant for Construction and General Purpose Gap Filling
Company Name:	Pin Trading Company Adhesive Manufacturer
Address:	10, Admiralty Street, #01-76, North Link Building, Singapore 757695
Information Telephone:	65-62696542
Emergency Contact:	Drug & Poison Contact Center
Emergency Telephone:	65-64239119

2. HAZARDS IDENTIFICATION

GHS Classification:

- Reproductive Toxicity – Category 1B (May damage fertility. May damage the unborn child.)
- Skin Corrosion / Irritation – Category 3 (Causes mild skin irritation)
- Serious Eye Damage / Eye Irritation – Category 2B (Causes eye irritation)

GHS LABEL ELEMENTS



SIGNAL WORD: DANGER

Hazard Statements:

- **H360FD:** May damage fertility. May damage the unborn child.
- **H316:** Causes mild skin irritation.
- **H320:** Causes eye irritation.

Precautionary Statements:

Prevention:

- **P201:** Obtain special instructions before use.
- **P202:** Do not handle until all safety precautions have been read and understood.
- **P264:** Wash hands thoroughly after handling.
- **P280:** Wear protective gloves and eye protection.

Response:

- **P308 + P313:** IF exposed or concerned: Get medical advice/attention.
- **P305 + P351 + P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P332 + P313:** If skin irritation occurs: Get medical advice/attention.

Storage / Disposal:

- **P405:** Store locked up.
- **P501:** Dispose of contents/container in accordance with local regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name / Component	CAS Number	% by Weight
Plasticizer: Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	< 5%
Ethylene Glycol	107-21-1	1-10%
Mineral Spirits	64742-48-9	1-5%
Acrylic Polymer Dispersion in Water	Mixture	Balance

Classification is based on the plasticizer CAS number on record (117-81-7, DEHP), which is classified Reproductive Toxicity Category 1B at concentrations of 0.3% and above.

4. FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting the eyelids occasionally. Get medical attention if irritation persists.

Skin Contact:

Wipe off excess product with a paper towel, then wash immediately with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.

Inhalation:

Remove to fresh air. Get medical attention if respiratory irritation persists.

Ingestion:

Rinse mouth with water. Do not induce vomiting. Seek medical advice immediately.

5. FIRE AND EXPLOSION DATA

Flammability of Product: Not flammable in the wet state (water-based).

Flash Point: Not applicable (water-based)

Products of Combustion: Carbon oxides (CO, CO2) from dried material.

Fire Fighting Media:

Water, foam, CO2, dry chemical powder and all standard fire-fighting media.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Take up mechanically or wipe up with a damp cloth and place in a suitable waste container.

Large Spill:

Contain the spill and take up mechanically. Prevent entry into drains, sewers and waterways.

7. HANDLING AND STORAGE

Precautions:

Ensure good ventilation during application. Avoid contact with skin and eyes. Pregnant women and persons planning a family should avoid exposure. Wear safety shoes.

Storage:

Keep container tightly closed. Store between 5°C and 35°C and protect from freezing. Store locked up. Note: product packed in 200 L drums is extremely heavy; use suitable lifting equipment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

- Ethylene glycol: ACGIH TLV 25 ppm TWA, 50 ppm STEL (vapor).
- DEHP: ACGIH TLV 5 mg/m³ TWA.
- Local exhaust and general ventilation are recommended.

Individual Protection Measures (PPE):

Safety glasses. Suitable protective gloves (nitrile). Protective clothing to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State & Appearance: Paste; milky white, turns clear when dry	**Odor:** Mild acrylic odor
Boiling Point: 100°C (water)	**Flash Point:** Not applicable (water-based)
Specific Gravity: 1.04	**Volatile Content (25°C):** < 45%
Solubility in Water: Dispersible when wet	**Auto-ignition Temperature:** Not determined

10. STABILITY AND REACTIVITY DATA

Stability: The product is stable under normal conditions.

Conditions to Avoid:	Freezing.
Incompatibility:	None known.
Hazardous Decomposition:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Not determined for the product. Uncured product may cause mild respiratory irritation.

Irritation:

Uncured product may irritate skin, mucous membranes and eyes.

Reproductive Toxicity:

Contains DEHP (CAS 117-81-7), which may damage fertility and the unborn child.

12. ECOLOGICAL INFORMATION

Complete ecotoxicity data not available. Avoid release of uncured product into drains and waterways.

13. DISPOSAL CONSIDERATIONS

Cured sealant may be suitable for landfill. Dispose of uncured product at a suitable incineration plant in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport Status: Not regulated as dangerous goods for transport. | **Proper Shipping Name:** Latex-based Acrylic Sealant

15. REGULATORY INFORMATION

Classified and labeled in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Contains a substance of very high concern (DEHP) under EU REACH; restrictions may apply in some markets.

16. OTHER INFORMATION

Rating Framework	Health	Flammability	Reactivity
NFPA 704 / HMIS	2	0	0

This SDS replaces the earlier MSDS for this product and has been revised to the Globally Harmonized System (GHS) format. The information is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. Each user should review these recommendations in the context of the intended use and determine whether they are appropriate.