WORLD BRAND ADHESIVE

SAFETY DATA SHEET

Product Name: World Brand Acetoxy Silicone 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 Acetoxy Silicone Sealant
Product Name / Code:	World Brand Acetoxy Silicone Sealant / N/A
Recommended Use:	Sealant for Construction, Glazing and General Purpose Sealing
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:

- Skin Corrosion / Irritation – Category 2 (Causes skin irritation)
- Serious Eye Damage / Eye Irritation – Category 2A (Causes serious eye irritation)

GHS LABEL ELEMENTS



SIGNAL WORD: WARNING

Hazard Statements:

- **H315:** Causes skin irritation.
- **H319:** Causes serious eye irritation.

Supplemental Hazard Information:

- Releases acetic acid on contact with moisture during curing. Acetic acid vapor may irritate the respiratory tract.

Precautionary Statements:

Prevention:

- **P264:** Wash hands thoroughly after handling.
- **P271:** Use only outdoors or in a well-ventilated area.
- **P280:** Wear protective gloves and eye protection.

Response:

- **P302 + P352:** IF ON SKIN: Wash with plenty of soap and water.
- **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.
- **P337 + P313:** If eye irritation persists: Get medical advice/attention.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name / Component	CAS Number	% by Weight
Petroleum Distillates	64742-48-9	5-30%
Treated Fumed Silica	68611-44-9	5-15%
Methyltriacetoxysilane	4253-34-3	< 5%
Titanium Dioxide	13463-67-7	< 5%
Silicone Polymer	Mixture	Balance

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: Combustible.

Flash Point: Not determined

Products of Combustion: Carbon dioxide, carbon monoxide, silicon dioxide, acetic acid, formaldehyde.

Fire Fighting Media:

All standard fire-fighting media (water spray, foam, CO2, dry chemical powder).

Special Protective Equipment:

Wear self-contained breathing apparatus in a fire.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Take up mechanically and place in a suitable waste container. Allow residue to cure before disposal.

Large Spill:

Ventilate the area. Contain the spill and take up mechanically. Prevent entry into drains and waterways.

7. HANDLING AND STORAGE

Precautions:

Avoid contact with eyes and skin. Ensure good ventilation during application and curing. Wear safety shoes. General rules of fire prevention should be observed.

Storage:

Keep container tightly closed and dry. Protect from moisture and high temperature. Note: product packed in 200 L drums is extremely heavy; use suitable lifting equipment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

- No exposure limits established for the product.
- Acetic acid (released on curing): ACGIH TLV 10 ppm TWA. Local exhaust and general ventilation are recommended.

Individual Protection Measures (PPE):

Safety glasses with side shields. Suitable protective gloves. Wear a respirator if ventilation is inadequate during large-scale application.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State & Appearance: Paste, clear or pigmented	**Odor:** Acetic (vinegar) odor
Boiling Point: Not determined	**Flash Point:** Not determined
Specific Gravity: 0.96	**Volatile Content (25°C):** < 30%
Solubility in Water: Insoluble	**Auto-ignition Temperature:** Not determined

10. STABILITY AND REACTIVITY DATA

Stability: The product is stable under normal conditions.

Conditions to Avoid: High temperature. Moisture (product cures and releases acetic acid).

Incompatibility: Water.

Hazardous Decomposition: Carbon dioxide, carbon monoxide, silicon dioxide, acetic acid, formaldehyde.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Not determined for the product. Uncured product may irritate the mouth, throat and stomach if swallowed. Acetic acid vapors released during curing may cause mild respiratory irritation.

Irritation:

Uncured product is irritating to skin, mucous membranes and eyes.

Sensitization:

Sensitization possible by inhalation.

Chronic Effects:

When used and handled according to specification, no harmful effects are known.

12. ECOLOGICAL INFORMATION

Complete ecotoxicity data not available. Cured sealant is inert. 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:** Silicone Sealant

15. REGULATORY INFORMATION

Classified and labeled in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Comply with all applicable national and local regulations.

16. OTHER INFORMATION

Rating Framework	Health	Flammability	Reactivity
NFPA 704 / HMIS	1	1	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.