WORLD BRAND ADHESIVE

SAFETY DATA SHEET

Product Name: World Bond Construction Adhesive	**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 Bond Construction Adhesive
Product Name / Code:	World Bond Construction Adhesive / N/A
Recommended Use:	Construction / Panel Adhesive for Professional and Industrial Applications
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:

- Flammable Liquids – Category 2 (Flash Point -20°C)
- Acute Toxicity, Oral – Category 4 (Harmful if swallowed)
- Acute Toxicity, Dermal – Category 4 (Harmful in contact with skin)
- Acute Toxicity, Inhalation – Category 4 (Harmful if inhaled)
- Skin Corrosion / Irritation – Category 2 (Causes skin irritation)
- Serious Eye Damage / Eye Irritation – Category 2A (Causes serious eye irritation)
- Reproductive Toxicity – Category 2 (Suspected of damaging fertility)
- Specific Target Organ Toxicity (Single Exposure) – Category 3 (Narcotic Effects / Drowsiness)
- Specific Target Organ Toxicity (Repeated Exposure) – Category 2 (Nervous system)
- Hazardous to the Aquatic Environment, Long-Term – Category 2

GHS LABEL ELEMENTS



SIGNAL WORD: DANGER

Hazard Statements:

- **H225:** Highly flammable liquid and vapor.
- **H302 + H312 + H332:** Harmful if swallowed, in contact with skin or if inhaled.
- **H315:** Causes skin irritation.
- **H319:** Causes serious eye irritation.
- **H336:** May cause drowsiness or dizziness.
- **H361f:** Suspected of damaging fertility.
- **H373:** May cause damage to the nervous system through prolonged or repeated exposure.
- **H411:** Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:

- **P201:** Obtain special instructions before use.
- **P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **P233:** Keep container tightly closed.
- **P240:** Ground and bond container and receiving equipment.
- **P261:** Avoid breathing vapors.
- **P271:** Use only outdoors or in a well-ventilated area.
- **P273:** Avoid release to the environment.
- **P280:** Wear protective gloves, protective clothing and eye protection.

Response:

- **P301 + P312:** IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- **P303 + P361 + P353:** IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
- **P304 + P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- **P305 + P351 + P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P308 + P313:** IF exposed or concerned: Get medical advice/attention.
- **P370 + P378:** In case of fire: Use foam, CO2 or dry chemical powder to extinguish.

Storage / Disposal:

- **P403 + P235:** Store in a well-ventilated place. Keep cool.
- **P501:** Dispose of contents/container in accordance with local regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name / Component	CAS Number	% by Weight
Hexane (petroleum naphtha, n-hexane containing)	64742-49-0	10-30%
Synthetic Rubber	Proprietary	Not stated
Resin	Proprietary	10-30%
Mineral Fillers	Mixture	30-60%
Additives	Mixture	1-10%

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 and keep at rest. If breathing is difficult, give oxygen. Get medical attention if headache, dizziness or drowsiness persists.

Ingestion:

Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Advice to Doctor:

Treat symptomatically.

5. FIRE AND EXPLOSION DATA

Flammability of Product:	Highly flammable liquid and vapor.
Flash Point:	-20°C
Products of Combustion:	Oxides of carbon (CO, CO2), light flammable hydrocarbons, smoke and fumes.

Fire Fighting Media:

Foam, carbon dioxide (CO2) or dry chemical powder. Do not use a direct water jet.

Special Hazards:

Vapors are heavier than air and may travel to a source of ignition and flash back. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Eliminate all sources of ignition. Take up mechanically or absorb with an inert, non-combustible material and place in a suitable waste container.

Large Spill:

Shut off all sources of ignition. Ventilate the area. Clean-up personnel must wear appropriate personal protective equipment. Contain the spill and prevent entry into drains, sewers and waterways.

7. HANDLING AND STORAGE

Precautions:

Use only in well-ventilated areas. Keep away from heat, sparks and open flames. Ground all equipment. Avoid contact with skin and eyes and avoid breathing vapors. Wear safety shoes.

Storage:

Store in a cool, dry, well-ventilated area away from sources of ignition and oxidizing agents. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

- Hexane (n-hexane): TWA 50 ppm (176 mg/m³).

• Use local exhaust ventilation to keep vapor concentrations below exposure limits.

Individual Protection Measures (PPE):

Safety glasses or goggles. Solvent-resistant protective gloves. Protective clothing. Use an approved organic vapor respirator when ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State & Appearance: Paste, tan	**Odor:** Organic solvent odor
Boiling Point: 62-68°C (Hexane)	**Flash Point:** -20°C
Specific Gravity: 1.16	**Viscosity:** 10,000 to 1,000,000 cps
Volatile Content (25°C): 25-40%	**Solubility in Water:** Insoluble

10. STABILITY AND REACTIVITY DATA

Stability: The product is stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.

Incompatibility: Strong oxidizing agents and acids.

Hazardous Decomposition: Oxides of carbon, light flammable hydrocarbons, smoke and fumes.

11. TOXICOLOGICAL INFORMATION

Acute Effects:

Harmful if swallowed, in contact with skin or if inhaled. High vapor concentrations may cause irritation, headache and dizziness. Inhalation of 5000 ppm n-hexane for 10 minutes can produce central nervous system effects.

Irritation:

Irritating to skin, mucous membranes and eyes.

Chronic Effects:

Prolonged or repeated exposure to n-hexane may cause damage to the peripheral nervous system and is suspected of damaging fertility.

12. ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects (solvent component). Do not empty into drains, sewers or waterways.

13. DISPOSAL CONSIDERATIONS

Shut off all sources of ignition before handling waste. Dispose of contents and container at a suitable incineration plant in accordance with local regulations. Consult the operator of the waste disposal facility for further information.

14. TRANSPORT INFORMATION

UN Number: UN 1133 | **Proper Shipping Name:** ADHESIVES (containing flammable liquid) | **Class:** 3 | **Packing Group:** II

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	2	3	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.