

# WORLD BRAND ADHESIVE

## SAFETY DATA SHEET

|                                                  |                                                               |
|--------------------------------------------------|---------------------------------------------------------------|
| <b>Product Name:</b> World Brand Adhesive No.301 | <b>Version No:</b> 002                                        |
| <b>Product Code:</b> 5375                        | <b>History:</b> Created: 28/04/2024, Last Updated: 28/04/2026 |

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                               |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| <b>Trade Name:</b>            | World Brand Adhesive No.301                                         |
| <b>Recommended Use:</b>       | Industrial / Professional Contact Adhesive Applications             |
| <b>Company Name:</b>          | Pin Trading Company Adhesive Manufacturer                           |
| <b>Address:</b>               | 10, Admiralty Street, #01-76, North Link Building, Singapore 757695 |
| <b>Information Telephone:</b> | 65-62696542                                                         |
| <b>Emergency Contact:</b>     | Drug & Poison Contact Center                                        |
| <b>Emergency Telephone:</b>   | 65-64239119                                                         |

### 2. HAZARDS IDENTIFICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GHS Classification:</b> | <ul style="list-style-type: none"><li>• Flammable Liquids – Category 2</li><li>• Acute Toxicity, Inhalation – Category 4</li><li>• Skin Corrosion / Irritation – Category 2</li><li>• Serious Eye Damage / Eye Irritation – Category 2A</li><li>• Specific Target Organ Toxicity (Single Exposure) – Category 3 (Narcotic Effects)</li><li>• Specific Target Organ Toxicity (Repeated Exposure) – Category 2</li><li>• Aspiration Hazard – Category 1</li></ul> |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## GHS LABEL ELEMENTS



## SIGNAL WORD: DANGER

### Hazard Statements:

- H225: Highly flammable liquid and vapor.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H373: May cause damage to organs through prolonged or repeated exposure.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Chemical Name / Component | CAS Number | % by Weight |
|---------------------------|------------|-------------|
| Toluene                   | 108-88-3   | 50.3%       |
| Polychloroprene           | 9010-98-8  | 14.0%       |
| Ethyl Acetate             | 141-78-6   | 14.0%       |
| SBP 80/100                | N/A        | 14.0%       |
| Phenolic Resin            | 9003-35-4  | 6.4%        |
| Magnesium Oxide           | 1309-48-4  | 0.8%        |
| Zinc Oxide                | 1314-13-2  | 0.6%        |

## 4. FIRST AID MEASURES

### Eye Contact:

Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

### Skin Contact:

Flush skin with plenty of water. Remove contaminated clothing. Seek medical attention if irritation persists.

### Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

### Ingestion:

Aspiration hazard. Do NOT induce vomiting. Seek immediate medical attention.

## 5. FIRE AND EXPLOSION DATA

**Flammability:** Highly flammable liquid. Flash point < 10°C.

**Extinguishing Media:** Use DRY chemical powder for small fires; water spray or fog for large fires.

## 6. ACCIDENTAL RELEASE MEASURES

Absorb spill with dry earth, sand, or non-combustible material. Prevent entry into sewers or waterways. Eliminate all sources of ignition.

## 7. HANDLING AND STORAGE

Keep away from heat and sources of ignition. Ground all equipment. Store in a segregated, cool, and well-ventilated flammable storage room or area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits (Toluene Component):

- OSHA PEL: TWA 200 ppm, STEL 500 ppm. ACGIH TLV: TWA 50 ppm (Skin).

### PPE:

Splash goggles, lab coat, vapor respirator, and chemical-resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                            |                                                                     |
|--------------------------------------------|---------------------------------------------------------------------|
| <b>Appearance:</b> Yellow viscous liquid   | <b>Odor:</b> Hydrocarbon odor                                       |
| <b>Boiling Point:</b> 78°C                 | <b>Vapor Pressure:</b> 3.8 kPa (@ 25°C)                             |
| <b>Specific Gravity:</b> 1.027 (Water = 1) | <b>Solubility:</b> Soluble in organic solvents; insoluble in water. |

## 10. STABILITY AND REACTIVITY DATA

Stable under normal storage conditions. Incompatible with strong oxidizing agents, halogens, and strong acids.

## 11. TOXICOLOGICAL INFORMATION

Hazardous in case of skin contact (irritant), eye contact (irritant), inhalation, or ingestion. May affect the central nervous system (CNS), liver, kidneys, and blood through prolonged exposure.

## 12. ECOLOGICAL INFORMATION

Toxic to aquatic life. Avoid contamination of soil, drains, and water networks.

### 13. DISPOSAL CONSIDERATIONS

Dispose of in strict alignment with local, state, and federal environmental hazardous waste regulations.

### 14. TRANSPORT INFORMATION

**UN Number:** UN 1294 | **Proper Shipping Name:** TOLUENE MIXTURE | **Class:** 3 | **Packing Group:** II

### 15. REGULATORY INFORMATION

California Prop 65: Contains Toluene, known to cause birth defects or reproductive harm. WHMIS: Class B-2, Class D-2A.

### 16. OTHER INFORMATION

| Framework       | Health | Flammability | Reactivity |
|-----------------|--------|--------------|------------|
| NFPA 704 / HMIS | 2      | 3            | 0          |