

## Material Safety Data Sheet

### 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

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COMPANY NAME: TIANJIN SHENGWANG ELECTRONIC CHEMICAL PLANT

PRODUCT NAME: PUR ADHESIVE

### 2. COMPOSITION /INFORMATION OF INGREDIENTS

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| Composition                     | CAS        | %  |
|---------------------------------|------------|----|
| Poly (1,4-Butylene Apipate)     | 25103-87-1 | 40 |
| Polyurethane                    | 9009-54-5  | 50 |
| Poly(1,6-Hexamethylene Apipate) | 25212-06-0 | 10 |

### 3. HAZARDROUS IDENTIFICATION

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Not Considered as Hazardous

EYE---As supplied: Irritant as a foreign body

SKIN CONTACT—Exposure to hot material may cause thermal hazard

INHALATION---Negligible hazard at ambient temperature, vapor and/or aerosols which may be formed at elevated temperature may be irritating to eyes and respiratory tract.

INGESTION-----No hazard in normal industrial use

### 4. FIRST AID MEASURES

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EYE---If hot, flush with cool water. Treat as wax of resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately.

SKIN CONTACT---For hot product, immediately immerse in or flush affected area with large amount of cool water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention

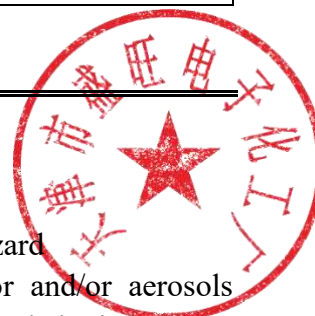
INHALATION---Remove to fresh air. If breathing has stopped, give artificial respiration and get medical attention

### 5. FIRE CONTROL MEASURES

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AUTOIGNITION-----Unknown

FLASH POINT-----> 260°C (Cleveland Open Cup)



EXTINGUISHING MEDIA---CO<sub>2</sub>, dry chemical, foam  
SPECIAL FIREFIGHTING PROCEDURES---Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic irritating fumes.  
FIRE & EXPLOSION HAZARDS---Not applicable  
UPPER EXPLOSION LIMIT( % )---Not applicable  
LOWER EXPLOSION LIMIT( % )---Not applicable  
NFPA FLAMMABILITY HAZARD CLASS---0=

## **6. SPILL EMERGENCY MEASURES**

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SPILL & LEAK PROCEDURES---Allow to cool and solidify. Scrape up and collect in suitable container for disposal.  
For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information

## **7. HANDLING AND STORAGE**

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STORAGE TEMPERATURE---0—40°C  
HANDLING/STORAGE---Store in a cool, dry area  
Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health  
VENTILATION REQUIREMENTS---Local, general

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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EYE PROTECTION REQUIREMENTS---Avoid contact with eyes, wear chemical goggles, if there is likelihood contact with eyes.

GLOVE REQUIREMENTS---Thermally resistant gloves should be worn.

CLOTHING REQUIREMENT---Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance.

CHANGE/REMOVE CLOTHING---Not required, unless molten adhesive has been splashed on clothing and passes through fabric.

WASH REQUIREMENTS---None.

RESPIRATOR REQUIREMENTS---Avoid prolonged or repeated heating of vapor or mists, if exposure may or does exceed occupational exposure limit, used a NIOSH approved respirator to prevent over exposure



## 9. PHYSICAL AND CHEMICAL PROPERTIES

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PURE SUBSTANCE OR MIXTURE---Mixture  
PHYSICAL FORM-----Solid  
APPARANCE/ODOR-----Primary color solid, negligible odor  
ODOR THRESHOLD-----Not available  
PH AS IS-----N/A (not applicable)  
PH IN (1%) SOLUTION-----N/A  
BOILING POINT-----260°C  
MELTING/FREESING POINT-----N/A  
SOLUBILITY IN WATER-----Insoluble  
PARTITION COEFFICIENT  
(N-octanol/water)-----N/A  
SPECIFIC GRAVITY (WATER=1)-----0.97  
EVAPORATION RATE-----Nil (Water)  
VAPOR PRESSURE (mmHg)-----Nil (20°C)  
VAPOR DENSITY (air=1)-----Nil  
VOLATILE-----Nil  
VOLATILE ORGANIC COMPOUNDS--Nil  
AUTOIGNITION-----Unknown  
FLASH POINT-----> 260°C (Cleveland Open Cup)  
OXIDIZING PROPERTIES-----N/A



## 10. STABILITY AND REACTIVITY

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STABILITY-----Stable  
NFPA REACTIVITY HAZARD CLASS--0-Insignificant  
HAZARDOUS DECOMPOSITION  
PRODUCTS-----Carbon monoxide dioxide

## 11. TOXICOLOGICAL INFORMATION

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CHRONIC (LONG TERM) EFFECTS OF EXPOSURE  
ROUTE OF ENTRY-----Skin contact, eye contact.  
EFFECTS OF CHRONIC EXPOSURE----The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required, Avoid direct contact with skin or eyes, do not ingest or inhale.  
  
TARGET ORGANS-----Not applicable  
CARCINOGEN-----No.

## 12. ECOLOGICAL INFORMATION

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Not available.

## 13. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHODS-----Waste disposal should be in accordance with existing federal, state and local environmental regulations.

EMPTY CONTAINER WARNINGS-----Empty containers may contain product residue, follow CSDS and label warnings even after they have been emptied.

#### 14. TRANSPORTATION INFORMATION

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##### DOT INFORMATION

DOT SHIPPING NAME-----ADHESIVE/ HOT MELT ADHESIVE

DOT HAZARD CLASS-----Non-hazardous.

Dot reportable quantity-----Not noted.

IMDG/IMO-----Not regulated

#### 15. REGULATORY INFORMATION

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FDA-----21CFR175.105

#### 16. OTHER INFORMATION

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ISSUE DATE----- June, 18<sup>th</sup>, 2026

CONTACT INFORMATION-----

TIANJIN SHENGWANG CHEMICAL PLANT

ADD: A-1105, Xinjiye Building, Dingzigu 1ST rd, Tianjin, P. R. China, 300130



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#### ADDITIONAL INFORMATION

The information given and the recommendations made herewith apply to our product(s) along and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.