

## MATERIAL SAFETY DATA SHEET (MSDS)

1.a) **PRODUCT**      6019Y      FBT Adhesive for Core Fixing

1.b) **SUPPLIER**

Company: Chuzhou Hui-Sheng Electronic Materials Co., Ltd.

Address: Chuzhou City, Anhui Province, south of Science and Technology Industrial Park, Wan Lian Road NO.2

Tel.:      +86-550-3213188      Fax :      +86-550-3213188

2. **COMPOSITION AND INFORMATION ON INGREDIENTS**

Name	Conc. %	CAS #	Hazard Grade
Toluene	60~70	108-88-3	Grade 4
Neoprene	30~40	-----	-----

3. **HAZARDS IDENTIFICATION**

Health effect: belong to the second organic compound, serious impact on health

Potential acute health effects: inbreathing high chroma steam causes narcosis or death.

Potential chronic health effects: may cause chronic toxicosis.

Environment impact: indissolvable, has effect on earth and water.

Physical and chemical hazard: tinder, can't stay with powder, oxide and organic peroxide.

Special danger: no relative records can be found.

4. **FIRST AID MEASURES**

Inhalation: remove the victim from the contamination immediately to fresh air.

Skin contact: wash the affect area under warm running water.

Eye contact: rinse the affected eyes with clean water for at least 15 minutes, and then seek medical treatment.

Ingestion: seek medical treatment

Serious symptom care: inbreathing high chroma steam, remove to fresh air, keep animal heat, carry on artificial respiration at once and take to hospital immediately.

Protection for first aids: don't touch the goods and wear gas mask.

5. **FIRE AND EXPLOSION DATA**

Fire Fighting Media and instructions: dry chemical powder or squirt-proof fire extinguisher.

Special danger may happen: wear gas mask.

Process: don't use water to avoid extend the fire area.

6. **ACCIDENTAL RELEASE MEASURES**

Personal attention: avoid inbreathing high chroma steam and touching it directly.

Environment attention: ventilative, no high temperature, no sunshine

Clean methods: with inert material (e.g., dry sand or earth), then place in a chemical waste container with covers for disposal.

7. **HANDLING AND STORAGE**

Storage: Keep container tightly closed. Keep away from sunlight, heat flame or ignition source and store in a cool location  
Follow all MSDS label precautions even after container is emptied because they may retain product residues

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

Engineering Controls: ventilated and the temperature should be below 25°C  
Relative data: 8 hours permitted average chroma should be no more than 19000ppm.  
Personal Protection: Safety spectacles, rubber gloves, rubber apron

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance	ropy liquid
Colour	yellow
Odour	characteristic odor
PH value:	---
Boiling point	140°C
Self-ignite temperature:	254-288°C
Explosion limited:	1.0 (volume) %~5.3 (volume) %
Vapour press	30°C, 10mmHg.
Specific	1.25± 0.05
Solubility:	not dissolve in water but in hydrocarbon

## 10. STABILITY AND REACTIVITY DATA

Chemical stability : This product is not steady under high temperature and easy to volatilise.  
Stay away from fire and heat.  
Easy to get fire and hard to explosion. Belong to the 4<sup>th</sup> dangerous chemical goods.  
Hazard decomposed matter: CO<sub>2</sub>, biphenyl

## 11. TOXICOLOGICAL INFORMATION

Toxicity to Animals	LD <sub>50</sub> 4300mg/kg to mouse.
Permittchroma	less than 200ppm
Chronic effects on humans	19000ppm to death
Special remarks on chronic effects on humans	anaphylaxis
Special remarks on other toxic effects on humans	cause chronic toxicosis, feel tired, anaemia, hemoleukocyte reduction and bad appetite.

## 12. ECOLOGICAL INFORMATION

Products of biodegradation No relevant information found.

## 13. DISPOSAL CONSIDERATION

Do not dump into sewers, on the ground or into any body of water.  
Consult an expert on the disposal. Ensure disposal in compliance with government

requirements and ensure conformity to local disposal regulations.

#### **14. TRANSPORT INFORMATION**

Follow all regulations in your country.

Transport and store according to general caution and instructions in before mentioned comment.

#### **15. REGULATORY INFORMATION**

Regulatory information with regard to this substance in your country or in your region should be examined by your own responsibility.

#### **16. OTHER INFORMATION**

To the best of our knowledge, the information contained here in is accurate.

However, all materials may present unknown hazards and should be used in caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist. Final determination of suitability of any material is the sole responsibility of the user.