

1. Substance/preparation and company identification

PU RESINS FOR SHOE SOLE

A-8170

Use: Chemical

Company:

XuChuan Chemical (Suzhou) Co., Ltd.

215434 TaiCang, JiangSu, China

Telephone: +86 0512 53639256

Telefax number: +86 0512 53639257

2. Composition/information on ingredients

No particular hazards known.

Chemical nature: Polyol, Chain extender, surfactant and H₂O

3. Hazard identification

No particular hazards known.

4. First-aid measures

If inhaled:

After inhalation of decomposition products, remove the affected person to a source of fresh air and keep calm. Provide medical aid.

5. Fire-fighting measures

Suitable extinguishing media:

dry extinguishing media, carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, hydrogen cyanide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

No special precautions necessary.

7. Handling and storage

Handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Protect against moisture.

Storage stability: 6 months

Storage temperature: 20- 25 °C

8. Exposure controls and personal protection

Components with workplace control parameters

None

Personal protective equipment

General safety and hygiene measures:

When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied.

9. Physical and chemical properties

Appearance: cream white

Odour: odorless

pH value: Not applicable

Density: 1.01 – 1.02 g/cm³(40 °C)

Viscosity: 800~1400 (mPa·s/40 °C)

10. Materials preheat

Preheated at 50~60 °C for 6~8 hours.

11. Stability and reactivity

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

12. Toxicological information

Acute toxicity

LD50 rat (oral): > 2,000 mg/kg

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure and composition.

13. Ecological information

Persistence and degradability

Elimination information:

Moderately/partially biodegradable.

Other adverse effects

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

Additional information

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from products of a similar structure and composition.

14. Disposal considerations

Observe local authority regulations.

Contaminated packaging:

Completely emptied packagings can be given for recycling.

15. Transport information

Not classified as a dangerous good under transport regulations.

16. Other information

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1. Substance/preparation and company identification

PU RESINS FOR SHOE SOLE

B-8290

Use: Chemical

Company:

XuChuan Chemical (Suzhou) Co., Ltd.

215434 TaiCang, JiangSu, China

Telephone: +86 0512 53639256

Telefax number: +86 0512 53639257

2. Composition/information on ingredients

No particular hazards known.

Chemical nature

polyisocyanate prepolymer

Polymer based on: polyester polyol and isocyanate

NCO%:19.5%—19.9%

Component	Amount	CAS#
Prepolymer of MDI and polyol	95.0—99.0%	Confidential
Diphenyl methane-4,4'-diisocyanate	1.0—5.0%	101-68-8
Dphenylmethane diisocyanate, homopolymer	0.1—<0.4%	39310-05-9
Diphenylmethane-2,4'-diisocyanate	0.1—<0.3%	5873-54-1

3. Hazard identification

No particular hazards known.

4. First-aid measures

If inhaled:

After inhalation of decomposition products, remove the affected person to a source of fresh air and keep calm. Provide medical aid.

5. Fire-fighting measures

Suitable extinguishing media:

dry extinguishing media, carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, hydrogen cyanide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:
Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:
No special precautions necessary.

7. Handling and storage

Handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

Storage

Segregate from foods and animal feeds.
Further information on storage conditions: Protect against moisture.
Storage stability: 3 months
Storage temperature: 20- 25 °C
Becomes brownish during storage.

8. Exposure controls and personal protection

Components with workplace control parameters

None

Personal protective equipment

General safety and hygiene measures:
When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied.

9. Physical and chemical properties

Appearance: transparent liquid or waxy
Colour: yellowish
Odour: slight odour of isocyanate

pH value: Not applicable
Density: 1.08-1.2 g/cm³(40 °C)
Viscosity: 700-1500(mPa·s/40 °C)

10. Materials preheat

Preheated at 50~60°C for 6~8 hours.

11. Stability and reactivity

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.
Carbon dioxide gaseous products of reactivity if the the product mixed with water.

12. Toxicological information

Acute toxicity

LD50 rat (oral): > 2,000 mg/kg

Other relevant toxicity information

The product has not been tested. The statement has been derived from products of a similar structure and composition.

13. Ecological information

Persistence and degradability

Elimination information:
Moderately/partially biodegradable.

Other adverse effects

Adsorbable organically-bound halogen (AOX):
This product contains no organically-bound halogen.

Additional information

Other ecotoxicological advice:
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Observe local authority regulations.
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