



Material Safety Data Sheet

SECTION 1: Product and Company Identification

Product identifier

Substance name: Amine-terminated Polyether
Alternate name: Polyether amine
Product name: Amine-terminated Polyether ZED-601
CAS NO.: 65605-36-9

Details of the supplier of the safety data sheet

Manufacturer: ZIBO ZHENGDA POLYURETHANE CO.,LTD.
Add: RM 1904, ChuangYeHuoJuGuangChang E, Zhangdian, Zibo City, Shandong Province, P.R.China
P.C: 255000
Tel: +86-533-3146343
Fax: +86-533-3142021
E-mail: arnie@dexin-chem.com
Web: www.china-polyol.com

SECTION 2: Composition/information on ingredients

Formula: $\text{CH}_3\text{CH}(\text{NH}_2)\text{CH}_2[\text{OCH}(\text{CH}_3)\text{CH}_2]_l(\text{OCH}_2\text{CH}_2)_m[\text{OCH}_2\text{CH}(\text{C}_6\text{H}_5)]_n\text{NH}_2$

CAS-No.	EC-No.	Index-No.	Concentration
Amine-terminated Polyether 65605-36-9	-	-	-

SECTION 3: Hazards identification

Emergency Overview

OSHA Hazards
No known OSHA hazards

HMIS Classification

Health hazard: 0
Flammability: 1
Physical hazards: 0

NFPA Rating

Health hazard: 0
Fire: 1
Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May



	cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.

SECTION 4: First aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water

SECTION 5: Fire-fighting measures

Flammable properties

Ignition temperature no data available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

Personal precautions

Avoid breathing vapors, mist or gas.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage



Handling

Normal measures for preventive fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place.

Store under inert gas. Air sensitive.

SECTION 8: Exposure controls/personal protection

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

SECTION 9: Physical and chemical properties

Appearance

Form liquid

Safety data

pH	no data available
Melting point	-10°C (14 °F)
Boiling point	no data available
Flash point	160°C (320 °F)
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	1.035 g/cm ³
Water solubility	no data available

SECTION 10: Stability and reactivity

Storage stability

Stable under recommended storage conditions.

Materials to avoid



Strong oxidizing agents, acids

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

SECTION 11: Toxicological information

Acute toxicity

no data available

Irritation and corrosion

no data available

Sensitisation

no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs and Symptoms of Exposure

Nausea, Dizziness, Headache, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

SECTION 12: Ecological information

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

SECTION 13: Disposal considerations

Product



Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

OSHA Hazards

No known OSHA hazards

DSL Status

This product contains the following components listed on the Canadian NDSL list. All other components are on the Canadian DSL list.

	CAS-No.
Amine-terminated Polyether	65605-36-9

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
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New Jersey Right To Know Components

	CAS-No.	Revision Date
Amine-terminated Polyether	65605-36-9	

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.



SECTION 16: Other information

While The Information And Recommendations In This Publication Are To The Best Of Our Knowledge, Information And Belief Accurate At The Date Of Publication, Nothing Herein Is To Be Construed As A Warranty, Express Or Otherwise.

In All Cases, It Is The Responsibility Of The User To Determine The Applicability Of Such Information And Recommendations And The Suitability Of Any Product For Its Own Particular Purpose.

The Product May Present Hazards And Should Be Used With Caution. While Certain Hazards Are Described In This Publication, No Guarantee Is Made That These Are The Only Hazards That Exist. Hazards, Toxicity And Behaviour Of The Products May Differ When Used With Other Materials And Are Dependent Upon The Manufacturing Circumstances Or Other Processes. Such Hazards, Toxicity And Behaviour Should Be Determined By The User And Made Known To Handlers, Processors And End Users.

Manufactured by:

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