

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product name: Blended polyol (HS Code: 39072090)

Manufacturer: Shijiazhuang Chuanghong Technology Co., Ltd.

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Section 2 - Composition/Information on Ingredient

Product Name	CAS No.	Formul	Composition
Blended polyol	9003-11-6	N/A	Mixture(Base Polyol, Foaming agent etc)

Composition name	% (w/w)
Blend Polyol	70.0 to 80.0
Foam stabilizer	1.5-2.0
Water	3.0 to 8.0
Amine catalyst	1.5-3.0
Fire retardant	4.5-10.0
Other	> 3.0

Section 3 - Hazards Identification

Potential Health Effects

Eye: May cause eye irritation. May cause redness and pain.

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

Repeated or prolonged exposure may cause drying and cracking of the skin.

Ingestion: May causes gastrointestinal irritation with nausea, vomiting and diarrhea.

May be harmful if swallowed.

Inhalation: Inhalation of vapor may cause respiratory tract irritation. Inhalation of high concentrations may cause central nervous system effects characterized by nausea,headache. May be harmful if inhaled.

Section 4-First Aid Measures

Eyes: Immediately flush eyes with copious amounts of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Skin: Flush skin with plenty of soap and water. While removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person.

Wash out mouth with water. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if irritation develops or persists.

Section 5 - Fire Fighting Measures

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General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray to cool fire-exposed containers. Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Ensure adequate ventilation. Do not let this chemical enter the environment and drains.

Section 7 - Handling and Storage

Handling: Use with adequate ventilation. Avoid breathing dust, vapor, mist, or gas.

Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Keep away from heat, sparks and flame. Avoid prolonged or repeated exposure.

Storage: Store in a cool, dry, well-ventilated away from incompatible substances.

Store in a tightly closed container. Keep away from sources of ignition

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Individual Protection for Industrial Use

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State	Liquid	Boiling Point	N/A
Color	Light yellow	Freezing Point	N/A
Odor	Slight	Flash Point	> 150°C
PH	8	Explosion Limits	N/A
Vapor Density	1.25	Decomposition Temperature	N/A
Relative density	1.05	Solubility in water	Soluble
Water	3.0-8.0	Viscosity	500±200mPas

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Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials. Keep away from flammable sources and high temperature area.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products: Irritating and toxic fumes and gases. Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

Carcinogenicity: Have not been thoroughly investigated.

Other: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

Eco toxicity: Not available

Other: Do not empty into drains.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

Road/Rail

Not regulated for transport

Sea

Not regulated for transport

Air

Not regulated for transport

Section 15 - Regulatory Information

Regulatory Information: Reference to the local, national and EU / international regulations.

Hazard Symbols: Not available

Risk Phrases: Not available

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

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Section 16 - Additional Information

MSDS Creation Date: Oct 12, 2013

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.