

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AN271  
Manufacturer: Gymcol Adhesives (Pinghu) Co., Ltd  
2008 Xinqun Road, Economic Development Zone, Pinghu, Zhejiang, China  
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## 2. COMPOSITION (Information on ingredients)

Chemical Name	CAS Number	EINECS Number	Weight %	EU Classification
Polyglycol Dimethacrylate	25852-47-5	/	30-40	None
2-Hydroxyethyl methacrylate	868-77-9	212-782-2	20-30	Xi; R36/38, R43
Bisphenol-A Fumerate Resin	39382-25-7	/	20-30	None
Saccharin	81-07-2	201-321-0	1-5	None
Cumene hydroperoxide	80-15-9	201-254-7	1-3	Xi; R36/37

## 3. HAZARDS IDENTIFICATION

### Classification of Chemical in Accordance 29 CFR 1910.1200

#### Classification of Mixture

##### OSHA HCS 2012:

Irritant, Skin (Category 2)

Irritant, Eye (Category 2)

##### GHS Classification:

Irritant, Skin (Category 2)

Irritant, Eye (Category 2)

### OSHA HCS 2012 / GHS Label Elements, including precautionary statements

Pictogram:



Signal word:

**Warning**

#### Hazard Statement(s)

H315 - Causes skin irritation

H320 - Causes eye irritation

#### Precautionary Statement(s)

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves, clothing, eye protection or face protection.

## 4. FIRE FIGHTING MEASURES

#### Skin Contact:

Remove contaminated clothing. Flush affected area with soap and plenty of water for at least 15 minutes. If irritation develops or persists, seek medical attention.

#### Eye Contact:

Flush eyes with warm water for at least 20 minutes. Hold eyelids apart to ensure complete irrigation of the eyes. Remove contact lenses. Seek immediate medical attention.

#### Inhalation:

Move to fresh air. If breathing is difficult provide oxygen. If not breathing, immediately begin rescue breathing. If heart has stopped, provide cardiopulmonary resuscitation (CPR). Seek immediate medical attention.

#### Ingestion:

Do not induce vomiting. If vomiting occurs spontaneously, place head lower than knees, or, if unconscious, in rescue position. Seek immediate medical attention.

**Notes to Physician:** Maintain adequate ventilation and oxygenation of patient.

#### 5. ACCIDENTAL RELEASE MEASURES

<b>Flash Point</b>	>200°F
<b>Explosion Limits in Air – Upper (%):</b>	Not established for the product itself.
<b>Explosion Limits in Air – Lower (%):</b>	Not established for the product itself.
<b>OSHA Flammability Classification:</b>	Combustible
<b>Auto-ignition Temperature:</b>	Not established for the product itself.
<b>Extinguishing Media:</b>	Dry chemical, carbon dioxide, foam or water spray
<b>Special Protective Equipment for Firefighters:</b>	Fire fighters should wear full turn-out gear, including a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture if exposed to heat.
<b>Specific Hazards: Hazardous Decomposition and/or Combustion Products:</b>	Oxides of carbon, smoke, fumes, unburned hydrocarbons, aldehydes, and cyanides.
<b>Risk of Dust Explosion:</b>	Not applicable.

#### 6. HANDLING AND STORAGE

<b>Personal Precautions:</b>	Only trained personnel should clean a spill. Ventilate spill area. Avoid breathing vapors, eye and skin contact. Wear appropriate personal protective equipment.
<b>Methods for Cleaning Up:</b>	Evacuate non-emergency personnel. Isolate the area and prevent access. Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Transfer to a waste container. The waste can then be disposed of in accordance with all applicable local, state, and federal regulations. Ensure adequate ventilation.
<b>Environmental Precautions:</b>	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. Do not allow spilled material onto or into soil, drains, sewer, rivers or other water courses.

#### 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Precautions for Safe Handling:</b>	Avoid skin and eye contact. Wear appropriate personal protective equipment. Work in a well-ventilated area. Do not ingest. Safety showers and eyewash stations should be available for use in the immediate work area. Wash hands after using this product, and before eating, drinking, smoking or using the lavatory.
<b>Conditions for Safe Storage:</b>	Store in well ventilated, cool, dry location, away from direct sunlight. Keep containers tightly closed when not in use. Do not store for prolonged periods at temperatures below freezing or above 100°F.
<b>Incompatible Materials:</b>	Oxidizing materials

#### 8. PHYSICAL AND CHEMICAL PROPERTIES

##### **EXPOSURE LIMITS**

**Exposure Limits for the Product itself have not been established.**

*Exposure limits for those components with limits are stated below.*

**Components of this product do not have any established exposure limits.**

**ENGINEERING CONTROLS:** Use only with adequate ventilation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) stated above. The use of both general dilution and local exhaust ventilation is recommended to control airborne exposures to mist, vapor, or spray. Do not use in a confined area or areas with little or no air movement.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** When atmospheric levels may exceed the exposure guideline, use a NIOSH approved air-purifying respirator. Use a respirator that has been selected by an industrial hygienist or other technically qualified person for the specific work conditions. If respirators are used, OSHA requires compliance with its respirator program. For situations where atmospheric levels may exceed the level for which an air-purifying respirator is effective, use positive-pressure air-supplying respiratory (air-line or self-contained breathing apparatus).

**Hand Protection:** Use gloves chemically resistant to this material. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

**Eye Protection:** Wear safety glasses with side shields. Chemical safety goggles and

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**Skin and Body Protection:** face shield should be used if splash hazard exists. Eyewash fountain should be located in the immediate work area. Wear chemical resistant clothing suitable to the job. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

**Other:** A hazard assessment should be performed before using this material to determine the appropriate personal protective equipment for the task. Safety shower and eyewash stations should be available in the immediate work area. Do not smoke, eat or drink while using this material. Wash hands after using this material, before eating, drinking, smoking or using the lavatory.

**9. STABILITY AND REACTIVITY**

**Appearance:** Red Liquid  
**Odor:** Cumene like odor  
**pH** Not applicable  
**Odor Threshold:** Not established for the product itself.  
**Vapor Pressure:** Not established for the product itself.  
**Vapor Density:** Not established for the product itself.  
**Flash Point** >200°F  
**Explosion Limits in Air – Upper (%):** Not established for the product itself.  
**Explosion Limits in Air – Lower (%):** Not established for the product itself.  
**OSHA Flammability Classification:** Combustible  
**Auto-ignition Temperature:** Not established for the product itself.  
**Decomposition Temperature:** Not established for the product itself.  
**Initial Boiling Point /Range:** Not established for the product itself.  
**Melting Point:** Not established for the product itself.  
**Freezing Point:** Not established for the product itself.  
**Water Solubility:** Insoluble  
**Specific Gravity:** >1.0  
**Relative Density:** Not established for the product itself.  
**% Volatile (by Volume):** 0.13 lbs/gal  
**Evaporation Rate:** Not established for the product itself.



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**Partition coefficient: n-octanol/water**

Not established for the product itself.

**Viscosity:**

Not established for the product itself.

### 10. TOXICOLOGICAL INFORMATION

**Stability:**

Stable under recommended conditions. See section 7.

**Hazardous Polymerization:**

Will not occur.

**Mechanical Sensitivity (shock):**

Not applicable.

**Conditions to Avoid:**

Avoid oxidizers. Storage temperatures below freezing or above 100°F.

**Hazardous Decomposition and/or Combustion Products:**

Oxides of carbon, smoke, fumes, unburned hydrocarbons, aldehydes, and cyanides.

See section 5.

**Static Discharge Effects:**

Minimal

### 11. ECOLOGICAL INFORMATION

**Routes of Exposure:**

Ingestion, Skin Contact, Eye Contact

**Signs and Symptoms of Exposure:**

Contact with the skin can be indicated by redness and/or irritation at the sight of exposure. Contact with the eye(s) is indicated by irritation, redness and watering of the eye(s). Ingestion is indicated by irritation of the mouth, nose, and throat, as well as gastro-intestinal discomfort.

**Toxicological data has not been established for the product itself.**

*Components of this material that have associated toxicological data is provided below.*

**Acute Toxicity**

Oral LD50:

No data available on the product itself.

Inhalation LC50:

No data available on the product itself.

Dermal LC50:

No data available on the product itself.

**Serious Eye Damage/Eye Irritation:**

No data available on the product itself.

**Skin Corrosion/Irritation:**

No data available on the product itself.

**Respiratory or Skin Sensitization:**

No data available on the product itself.

**Germ Cell Mutagenicity:**

No data available on the product itself.

**Carcinogenicity**

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



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

**Reproductive Toxicity:** No data available on the product itself.

**Teratogenicity:** No data available on the product itself.

**Specific Target Organ Toxicity – Single Exposure:** No data available on the product itself.

**Specific Target Organ Toxicity – Repeated Exposure:** No data available on the product itself.

**Aspiration Hazard:** No data available on the product itself.

**Synergistic Materials:** No data available on the product itself.

## 12. DISPOSAL CONSIDERATIONS

*Information given is based on data on the components and the toxicology of similar products.*

**Aquatic Toxicity:** No data available on the product itself. However, Do not allow spilled material onto or into soil, drains, sewer, rivers or other water courses.

**Environmental Fate:**

- Mobility:** No data available on the product itself.
- Bioaccumulation:** No data available on the product itself.
- Persistence/Degradability:** No data available on the product itself.
- Distribution to Environmental Compartments:** No data available on the product itself.

## 13. TRANSPORT INFORMATION

**Disposal:**  
Disposal of this product must be in accordance with all applicable local, state, and federal regulatory requirements. When disposing of waste materials contact and offer to only licensed professional waste disposal services. Do not dispose of used, unused, or wastes into sanitary sewage or storm water drains or systems.

**RCRA Classification (40 CFR 261):**  
Dispose of in accordance with all applicable local, state and federal regulatory requirements.

**Unused and Uncontaminated Product:**  
Dispose of in accordance with all applicable local, state, and federal regulatory requirements.

**Disclaimer:**



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Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations.

#### 14. REGULATORY INFORMATION

##### **DOT: Not Regulated**

UN Identification Number: NA  
Proper Shipping Name: NA  
Hazard Class: NA  
Packing Group: NA  
Marine Pollutant: NA  
Poison Inhalation Hazard: NA

##### **IATA: Not Regulated**

UN Identification Number: NA  
Proper Shipping Name: NA  
Hazard Class: NA

Packing Group: NA

##### **IMDG: Not Regulated**

UN Identification Number: NA  
Proper Shipping Name: NA  
Hazard Class: NA  
Packing Group: NA  
Marine Pollutant: NA

#### 15. OTHER INFORMATION

##### **Disclaimer:**

The information and recommendations contained herein (whether verbal, in writing or by way of trials) are given in good faith but without warranty. This also applies where proprietary rights of third parties are involved. The manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this information will make their own determination and tests as to its suitability for their particular purpose prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance of this information. No representations or warranties, either expressed or implied, including the merchantability or fitness for a particular purpose are made herein with respect to this information or the product to which information refers. Information contained herein is deemed to be reliable, conservative and accurate. GYMCOL ADHESIVES (PINGHU) CO LTD. reserves the right to change the design, specification or any other features at any time, without notice, while otherwise maintaining regulatory compliance.