

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: XC-521/02
 Manufacturer: Gymcol Adhesives (Pinghu) Co., Ltd
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2. COMPOSITION (Information on ingredients)

Substances that are a health risk according to Rules and Regulations on Dangerous Substances

<u>EC Num.</u>	<u>CAS Num.</u>	<u>EINECS Num.</u>	<u>Name</u>	<u>Concentrate %</u>	<u>Symbols</u>	<u>R phrases</u>
606001008	67-64-1	200-662-2	Acetone	>5% <=25%	F Xi	R11 R36 R66-67
607022005	141-78-6	205-500-4	Ethyl acetate	>25% <=50%	F Xi	R11 R36 R66-67
649328001	64742-49-0	265-151-9	Naphtha, hydro treated light oil fraction	>25% <=50%	F Xi Xn N	R11 R38 R65-67 R51/53

3. HAZARDS IDENTIFICATION

Highly flammable.
 Irritating to eyes.
 Repeated exposure may cause skin dryness or cracking.
 Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

- 4.1. General: in case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.
- 4.2. Inhalation: take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.
- 4.3. Skin contact: remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.
- 4.4. Eye contact: if wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance
- 4.5. Ingestion: if accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

5. FIRE FIGHTING MEASURES

- 5.1. Recommended extinguishing methods: extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.
- 5.2. Fire protection equipment: according to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks.
- 5.3. Other recommendations: fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Individual precautions: eliminate possible ignition points and ventilate the area. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.
- 6.2. Environmental protection precautions: prevent the contamination of drains, surface or subterranean waters, and the ground. If there are large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation.

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6.3. Cleaning methods: pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Keep remains in a closed container. For later elimination of waste, follow the recommendations under section 13.

7. HANDLING AND STORAGE

7.1. Handling: the fumes are heavier than air and can spread across the ground. They can form explosive mixtures with air. Prevent the creation of flammable or explosive fume concentrations in the air; prevent fume concentrations above work exposure limits. The preparation must only be used in areas where all unprotected flames and other ignition points have been eliminated. Electrical equipment has to be protected according to applicable standards.

The preparation can be electrostatically charged: always use earth grounds when transferring the product. Operators must use anti-static footwear and clothing, and floors must be conductors.

Keep the container tightly closed and isolated from heat sources, sparks, and fire. Do not use tools that can cause sparks.

Prevent the preparation from contacting the skin or eyes. Avoid the inhalation of fumes and mists that form when spraying.

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

7.2. Storage: store according to local legislation. Observe indications on the label. Store the containers between 15 and 30 °C, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep far away from ignition points. Keep away from oxidising agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Measures of a technical nature: provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system. If this were not enough to keep the particulate and fume concentrations of the solvent below the work exposure limit, suitable breathing equipment must be used.

8.2. Exposure limits:

Name	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Acetone	200	600	300	900
Ethyl acetate	400	1440		
Naphtha, hydro treated light oil fraction			400	1620

* According to the list of Limit Environmental Professional Exposure Values adopted by the National Institute for Safety and Hygiene at Work for the year 2004.

8.3.1. Breathing protection: when workers are subjected to concentrations above the exposure limit, they must use suitable and officially approved equipment. Use active carbon masks.

8.3.2. Hand protection: for prolonged or repeated contact, use polyvinyl alcohol or nitrile rubber types of gloves. Protective creams can help to protect exposed areas of the skin. These creams must **NEVER** be applied once exposure has occurred.

8.3.3. Eye protection: use protective goggles especially designed to protect against liquid splatters. Install emergency eyewashes near the use area.

14. TRANSPORT INFORMATION

- 14.1 Land transport ADR/RID: Class 3, packaging group III
14.2 Sea transport IMDG/GGV: Class 3, packaging group III
14.3 Air transport ICAO/IATA: Class 3, packaging group III

14.4 Additional information: N°UN 1133 Adhesives. The classified merchandise as incendiary fuel (sticky) can be transported in amounts limited according to the exemptions indicated in chapter 3,4 of the ADR. In order to fulfil these exemptions, Packing combined with inner packages of maxim capacity of 5 liters and up to 30 liters by bulk or packing will be used.

14.5. Labels:



15. REGULATORY INFORMATION

15.1. In accordance with Directive 255/2003, Rules and Regulations for Dangerous Preparations, the preparation is labelled as follows:

F

F fácilmente inflamable

Xi

Irritante

15.2. R Phrases:

- R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

15.3. S phrases:

Professional

- S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S24 Avoid contact with skin.
S43 In case of fire, use Extinguisher powder or CO₂.
S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

General Public

- S2 Keep out of the reach of children.
(for consumer market only)**
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S24 Avoid contact with skin.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

15.4. Additional information about the labelled: If the content of the package is not superior to 125 ml, it will not be necessary to indicate phrases R nor phrases S.

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16. OTHER INFORMATION

Complete text of the R phrases that appear in section 2:

11	Highly flammable.
36	Irritating to eyes.
38	Irritating to skin.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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