

Report No.: BDI2KOV521118716a

SDS Report

Sample Description

SELF ADHESIVE VINYL G3000

Applicant

SHANGHAI LYA NEW MATERIAL
TECHNOLOGY CO.,LTD.

Pony Testing International Group
www.ponytest.com

No.: BDI2KOV521118716a
Code: p7y5e

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Safety Data Sheet (SDS)

According to ANSI Z400.1/Z129.1-2010

SELF ADHESIVE VINYL G3000

Section 1 - Chemical Product and Company Identification

Sample Name: SELF ADHESIVE VINYL G3000

Trade Name: SELF ADHESIVE VINYL

Sample Code: LYA-010211

Recommended uses: Glass decorative materials

Restrictions on use: N/A

Company Identification: SHANGHAI LYA NEW MATERIAL TECHNOLOGY CO.,LTD.

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Section 2 - Hazards Identification

2.1 Emergency Overview:

Appearance/Odor: Red solid, odorless.

No Physical and chemical hazards under reasonable conditions. If contacted or inhaled dust, may cause eyes, skin and respiratory tract irritation. Ingestion of this material is unlikely.

2.2 OSHA Regulatory Status: This product is not considered hazardous by the OSHA hazard communication standard (29 CFR 1910.1200).

2.3 Potential Health Hazards:

Relevant routes of exposure: See Section 11 for more information.

Medical condition aggravated by exposure: N/A.

2.4 Potential Environmental Hazards: N/A.

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2.5 Carcinogenicity: See Section 11.

Section 3 - Composition, Information on Ingredients

General Chemical Description: This product is a mixture.

Composition, Information on Ingredients:

Chemical Name	CAS No.	Percent (in % by weight)
Ethene, chloro-, homopolymer	9002-86-2	94.5
2-Propenoic acid, butyl ester, dimer, polymer with 2-ethylhexyl 2-propenoate dimer	59913-88-1	4
Ethyl acetate	141-78-6	1
Pyrrolo[3,4-c]pyrrole-1,4-dione, 3,6-bis(4-chlorophenyl)-2,5-dihydro-	84632-65-5	0.05

Section 4 - First Aid Measures

4.1 First aid procedures by route of exposure:

Eyes: In case of contact dusts or fragments occurring in machining:

Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin: Repeated or prolonged contact of the dust or fragments occurring in machining may cause skin irritation. In case of contact, immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Inhalation: If fumes or combustion products are inhaled remove from

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contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor without delay.

Ingestion: Ingestion of this material is unlikely. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2 Most important acute and delayed symptoms/effects: See Section 11 for more information.

4.3 Antidotes: N/A.

4.4 Note to Physicians: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

5.1 Flammable properties: Combustible under specific conditions.

5.2 Extinguishing Media:

Suitable extinguishing Media: Use extinguishing agent suitable for type of surrounding fire. Such as foam, dry chemical powder, carbon dioxide, water.

Unsuitable extinguishing media: N/A.

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

5.4 Specific hazards arising from the chemical: No specific hazards under normal storage and handling conditions.

5.5 Protective equipment and precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products. Move containers from fire area if this can be done without risk. Use Water spray, fog or regular foam for large fire.

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Section 6 - Accidental Release Measures

- 6.1 Personal Precautions:** No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Use proper personal protective equipment as indicated in Section 8.
- 6.2 Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas.
- 6.3 Methods for Containment:** Stop leak if safe to do so. Move containers from spilled area.
- 6.4 Methods for Clean-Up:** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
- 6.5 Other Information:** Contaminated floor can be flushed with water into chemical sewer.
- 6.6 Spill or leak statements by type of chemical:** Particulate filter respirator adapted to the airborne concentration of the product.

Section 7 - Handling and Storage

General Information: This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

- 7.1 Storage:** Ensure good local exhaust ventilation. Keep away from incompatible substances (see section 10), any sources of ignition or heat (e.g. open flames, sparks, direct sunlight, smoking, hot surfaces), foodstuffs, beverages and foods. The work area should be equipped with the corresponding species and quantities of fire-fighting equipments and emergency equipments.

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7.2 Handling: Store in original containers. Keep containers securely sealed.

Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limit:

CAS No.	ACGIH	NIOSH	OSHA
9002-86-2	N/A	N/A	N/A
59913-88-1	N/A	N/A	N/A
141-78-6	TLV-TWA 400 ppm	REL-TWA 400 ppm IDLH 2000 ppm	PEL-TWA 400 ppm
84632-65-5	N/A	N/A	N/A

8.2 Engineering Controls: Use adequate ventilation to keep airborne concentrations low. Equipped with safety shower and eyes bath. Keep away from heat and fire.

8.3 Personal Protective Equipment:

Respiratory Protection: It is recommended to wear appropriate protective respiratory masks when work environment needed. A full face positive pressure supplied-air respirator or a self contained breathing apparatus should be used when fire. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Hand Protection: It is recommended to wear appropriate gloves to minimize skin exposure.

Eyes Protection: It is recommended to wear appropriate safety spectacles when work environment needed.

Skin and Body Protection: Wear appropriate protective clothing to prevent skin exposure when work environment needed. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.4 General hygiene considerations: Eating, drinking and smoking should

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be prohibited in areas where this material is handled, stored and processed. Wash hands, forearms and face thoroughly after handling products, before eating, smoking and using the lavatory and at the end of the working period.

Section 9 - Physical and Chemical Properties

Appearance: Red solid

Odor: odorless

Odor threshold: N/A

Physical state: N/A

pH: N/A

Melting Point: N/A

Initial Boiling Point and Boiling range: N/A

Flash Point: N/A

Relative Density: N/A

Evaporation rate: N/A

Upper/lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Vapor Density (Air=1): N/A

Solubility: N/A

Auto-ignition Temperature: N/A

Decomposition temperature: N/A

Particle characteristics: N/A

Flammability (solid, gas): N/A

Section 10 - Stability and Reactivity

10.1 Reactivity: No reactivity under normal storage and handling conditions.

10.2 Possibility of hazardous reactions: No hazardous reactions under normal storage and handling conditions. Gives off irritating toxic fumes including hydrogen chloride and phosgene in a fire.

10.3 Chemical Stability: Product is considered stable. Hazardous

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polymerisation will not occur.

10.4 Conditions to Avoid: Incompatible materials, any sources of ignition or heat (e.g. open flames, smoking, hot surfaces, excess heat).

10.5 Incompatibilities Materials: Strong oxidants, strong acids, etc.

10.6 Hazardous Decomposition Products: In case of a fire, may give off irritating toxic fumes including hydrogen chloride and phosgene.

Section 11 - Toxicological Information

11.1 Toxicological information:

CAS#	LC50/LD50
9002-86-2	No data available
59913-88-1	No data available
141-78-6	LD50:4940 mg/kg(Rat oral) LC50: 16,000 ppm (Rat inhalation: Vapours)
84632-65-5	No data available

Medical condition aggravated by exposure: No data available.

11.2 Toxicity Data: No data available.

11.3 Repeated dose effects: No data available.

11.4 Skin Irritation: No data available.

Eye Irritation:

CAS#141-78-6:

- The irritation was seen in the eye of the rabbit. But it recovered within seven days (ECETOC (TR48 (2), 1998)).

11.5 Respiratory or Skin sensitization: No data available.

11.6 Carcinogenicity:

CAS#9002-86-2:

- IARC: Group 3-Not classifiable as to carcinogenicity to humans.
- Not listed as carcinogens by ACGIH, NTP or CA Prop 65.

Other compositions are not listed as carcinogens by ACGIH, IARC, NTP or CA Prop 65.

11.7 Neurological effects: No data available.

11.8 Reproductive Cell Mutagenicity: No data available.

Reproductive Toxicity: No data available.

11.9 Skin corrosion: No data available.

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Eye corrosion: No data available.

11.10 Developmental effects: No data available.

11.11 Specific target organ toxicity-Single exposure:

CAS#141-78-6:

- The upper respiratory tract irritation in human at 400ppm exposure is reported (ACGIH (2001), DFGOT (vol.12, 1999)). Anesthesia and lung injury are reported by explosion of near lethal level (DFGOT (vol.12, 1999)).

Specific target organ toxicity-Repeated exposure: No data available.

11.12 Aspiration hazard: No data available.

Information on the likely routes of exposure:

Eye: Contact of the dust or fragments occurring in machining may cause eye irritation.

Skin: Contact of the dust or fragments occurring in machining may cause skin irritation.

Ingestion: Ingestion is unlikely under normal using or storing conditions.

Inhalation: Contact of the dust or fragments occurring in machining may cause respiration tract irritation.

Section 12 - Ecological Information

12.1 Ecotoxicity:

CAS#141-78-6:

- 96h-LC50 = 230 mg/L-fish (Fathead minnow)

12.2 Persistence/Degradability:

CAS#141-78-6:

- Expected to be biodegraded easily.

12.3 Bioaccumulation/Accumulation:

CAS#141-78-6:

- The potential for bioconcentration in aquatic organisms is low.

12.4 Mobility in environmental media:

CAS#141-78-6:

- Expected to have very high mobility in soil.

12.5 Other adverse effects: No data available.

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Section 13 - Disposal Considerations

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use.

Section 14 - Transport Information

Air transport (ICAO-IATA / DGR 57th)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

Special precautions for user: N/A

Marine Pollutant (Y/N): No.

Sea transport (IMDG CODE 37-14 edition)

UN Number: N/A

UN Proper Shipping Name: N/A

Transport hazard class: N/A

Subsidiary risk: N/A

Packaging group: N/A

Packaging Sign: N/A

Other Information: N/A

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For confirmative content, formal test report shall prevail.

Report ID: BDI2KOV21118716a
Special precautions for user: N/A
Marine Pollutant (Y/N): No.

Page 10 of 12

Land transport (TDG)
UN Number: N/A
UN Proper Shipping Name: N/A
Transport hazard class: N/A
Subsidiary risk: N/A
Packaging group: N/A
Packaging Sign: N/A
Other Information: N/A
Special precautions for user: N/A
Marine Pollutant (Y/N): No

Section 15 - Regulatory Information

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

CAS No.	TSCA	IECSC	EINECS/ ELINCS/NLP	DSL/NDSL
9002-86-2	Listed	Listed	Listed	Listed in DSL
59913-88-1	Unlisted	Listed	Unlisted	Unlisted
141-78-6	Listed	Listed	Listed	Listed in DSL
84632-65-5	Listed	Listed	Listed	Listed in DSL

California Prop.65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Additional Information

Issue Time: 2017-01-09
Issue Department: Technical department
Data review unit: /

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Modification record: The original report which report No. is BDI2KOV21118716 be replaced by this report, and it will be canceled immediately and doesn't have any legal validity. Please compliance with this report .

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS: (Chemical Abstracts Service);

EC: (European Commission);

ACGIH: (American Conference of Governmental Industrial Hygienists);

NIOSH: (US National Institute for Occupational Safety and Health);

OSHA: (US Occupational Safety and Health);

TLV: (Threshold Limit Value)

TWA: (Time Weighted Average);

STEL: (Short Term Exposure Limit);

PEL: (Permissible Exposure Level);

REL: (Recommended Exposure Limit);

PC-STEL: (Permissible concentration-time weighted average);

PC-TWA: (Permissible concentration-short time exposure limit);

LC50: (Lethal concentration, 50 percent kill);

LD50: (Lethal dose, 50 percent kill);

IARC: (International Agency for Research on Cancer);

EC50: (Median effective concentration);

BCF: (Bioconcentration Factor);

BOD: (Biochemical oxygen demand);

NOEC: (No observed effect concentration);

NTP: (US National Toxicology Program);

RTECS: (Registry of Toxic Effects of Chemical Substances);

IATA: (International Air Transport Association);

IMDG: (International Maritime Dangerous Goods);

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Report ID: BDI2KOV521118716a

Page 12 of 12

TDG: (Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations);

TOC: (Total Organic Carbon);

TSCA: (Toxic Substances Control Act of USA);

DSL: (the Domestic Substances List of Canada);

NDSL: (the Non-domestic Substances List of Canada)

***End of report ***

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