



## GRAPHICTAC TECHNOLOGY CO., LTD.

1F, NO.982, WUGUANG RD, WURIH TOWNSHIP, TAICHUNG COUNTY 414014, TAIWAN R.O.C

TEL:886-4-26913989 FAX:886-4-26910234 E-mail: sales@graphictacfilm.com

# Safety Data Sheet

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## 1. Product Identification

**Product Name:** Graphictac self-adhesive vinyl films

**Synonyms:** Vinyl film; pressure-sensitive vinyl (PSV)

**Product families:** Cut vinyl; Digital printing vinyl; Overlamine films; Specialty films

**Recommended use:** General signage, decals, vehicle & fleet graphics, wall and window graphics

**Company:** Graphictac Technology CO., LTD.

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## 2. Hazards Identification

**Classification:** Combustible film

**Signal word:** Not applicable

**Symbols/Pictograms:** Not applicable

**Hazard statement:** Combustible film

**Precautionary statements:**

- Keep away from heat, hot surfaces, sparks, open flames, and hot metal surfaces.
- In case of fire: see Section 5.

Article exemption note: Under 29 CFR 1910.1200, these products are "articles" designed in a specific shape for end-use functions and, under normal conditions of use, do not release more than trace amounts of hazardous chemicals; therefore a hazard communication label is generally not required.

NOTE: In accordance with Title 29 Code of Federal Regulations (CFR) 1910, Sections 1200(b)(6)(v), self adhesive vinyl products fall under the definition of "Article" and thus a Hazard Communication (29 CFR1910.1200) is not required.

"Article" means a manufactured item other than a fluid or particle:

(i) which is formed to a specific shape or design during manufacture

(ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use

(iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees (29 CFR 1910.1200c).



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### 3. Composition / Information On Components

Substance/Mixture: Article (multi-layer laminate)

- Polyvinyl chloride (PVC) film
- Acrylic pressure-sensitive adhesive
- Silicone-coated paper or PET release liner

**Common Name:** Pressure Sensitive Vinyl

**Molecular formula:** Not Applicable. (3-layer laminate: PVC film, acrylic adhesive, silicone coated paper liner)

**CAS No. :** Not Applicable

**TSCA Inventory Status:** Not Applicable

**NFPA Hazard Rating:** Not Applicable

**HMIS Rating:** Not Applicable

### 4. First Aid Measures

**Inhalation:** Not expected to be a route of exposure under normal use. If thermal decomposition fumes are inhaled, move to fresh air and seek medical attention.

**Skin contact:** For mechanical abrasion/cuts, wash with soap and water; seek medical attention as needed.

**Eye contact:** Rinse cautiously with water if particulates cause irritation; seek medical attention if symptoms persist.

**Ingestion:** Not an expected route of exposure for the intended use.

### 5. Fire-fighting Measures

**Extinguishing media:** Class A media, ABC dry powder, or CO<sub>2</sub>.

**Specific hazards:** Combustion may produce carbon monoxide/dioxide, hydrogen chloride, and hydrocarbons.

**Protective equipment:** Firefighters should wear self-contained breathing apparatus and full protective gear. Equipment should be thoroughly decontaminated after use.

**Special Precautions:** Keep product away from open flames and hot metal surfaces

### 6. Accidental Release Measures

Not applicable to solid articles in sheet/roll form, it is a stable film.

Pick up and dispose of scraps to prevent slipping hazards.

### 7. Handling and storage

Store in a cool, dry and well ventilated area, away from direct sunlight, water, heat, flames, ignition sources and electrical hazards. Keep rolls in original packaging until use, ideal storage temperature at 25°C (77°F) and 50% relative humidity

### 8. Exposure Controls/Personal Protection

**Occupational exposure limit values:** Not Applicable



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**Eye protection:** Use good industrial practice to avoid eye contact. Film edges could cut cornea.

**Hand protection:** No special requirement.

**Body protection:** No special requirement.

**Respiratory protection:** This material is unlikely to present airborne exposure concerns under normal use.

**Ventilation:** No special requirement

### 9. Physical and Chemical Properties

**Physical state:** Solid film

**Appearance:** Clear or pigmented PVC film with adhesive on paper or PET release liner

**Odor:** Mild vinyl-like or adhesive order after liner removal.

**Melting/softening point (PVC):** About 205 °C (401 °F)

**Odor threshold:** Not Applicable

**pH:** Not Applicable

**Freezing Point:** Not Applicable

**Boiling Point:** Not Applicable

**F.I Temperature (ASTM D1929):** About 340 °C (644 °F)

**VOC Content:** <1% by weight

**Explosive limits:** Not applicable

### 10. Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.

**Chemical stability:** Stable at ambient conditions.

**Conditions to avoid:** Excessive heat >149 °C (300 °F), open flame.

**Incompatible materials:** Strong acids and bases

### 11. Toxicological Information

**Likely routes of exposure:** None expected for finished article; inhalation possible only if burned/overheated.

**Symptoms:** Irritation from smoke/fumes during burning/overheating.

**Acute/chronic effects:** No known significant effects from normal handling and installation of the article.

**Numerical toxicity measures:** Not applicable to article.

### 12. Ecological Information

**Ecotoxicity, Persistence/Degradability, Bioaccumulation:** Not expected for finished article.

**Mobility in soil:** Not mobile (solid article).

**Other adverse effects:** None known for intended use.

### 13. Disposal Consideration

Dispose of waste film, liners, and cores in accordance with federal, state, and local regulations.

Consult an attorney or an appropriate regulatory official for information on such disposal regulation.



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### 14. Transport Information

**DOT/UN number/proper shipping name:** Not regulated (not dangerous goods)

**Transport hazard class/packing group:** Not applicable

**Environmental hazards:** Not a marine pollutant per IMDG Code

**Regulatory status:** Not regulated by DOT, IATA, IMDG, or ADR.

**Special precautions:** None for finished rolls/cartons.

### 15. Regulatory Information

**California Proposition 65:** These products may contain trace residuals from manufacture that can trigger California Proposition 65 notices for **vinyl chloride (cancer)** and **toluene (reproductive harm)**. Provide below warning where required

 **WARNING:** These products can expose you to chemicals including vinyl chloride, which is known to the State of California to cause cancer, and toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Other regulations:** Product-specific state, provincial, or national regulations may apply to waste handling and installer exposure to heat-generated fumes.

### 16. Other Information

**Revision date:** 29/10/2025

**Prepared by:** Graphictac Technology CO., LTD.

**Disclaimer:** The information provided is believed to be accurate to the best of our knowledge; however, Graphictac Technology CO., LTD. and its affiliates assume no liability for its completeness or accuracy. This information pertains only to health, safety, and environmental aspects of the product and is not intended as technical or commercial specifications. Component details and percentages should not be used for formulation purposes.