

MATERIAL SAFETY DATA SHEET (MSDS)



1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pressure Sensitive Adhesive Materials

Spec. Code: AW5237

Manufacture: Avery Dennison (China) Co. Ltd.,

Address: No.608,kunjia Road, Kun shan Economic&Technological Zone Jiangsu Province,P.R.China

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Country Emergent Contact Number: +86-532-3889090 (中国石化青岛安全工程研究院)

Region Emergent Contact Number: +86-21-62533429 (上海抢救中心)

Fire Emergent Contact Number: 119

2.COMPOSITION/INFORMATION ON INGREDIENTS

Simple substance Mixed substance

Hazards ingredient: No

| Sub-part name | Material Name | Content | Ingredient | CAS NO. |
|---------------|------------------|---------|--------------------------------|------------|
| Face stock | Semi gloss paper | <2% | Water | 7732-18-5 |
| | | <27% | Fiber | 65996-61-4 |
| | | <12% | Calcium carbonate | 471-34-1 |
| Adhesive | HP104 | <3% | 1, 3-butadiene-styrene polymer | 9003-55-8 |
| | | <1% | Calcium carbonate | 471-34-1 |
| | | <6% | Petroleum Resin | 69430-35-9 |
| Liner | P95WH | <47% | Fiber | 65996-61-4 |
| | | <1% | PE | 9002-88-4 |
| | | <1% | Silicon oil | 68083-19-2 |

3.HAZARDS IDENTIFICATION

Hazards Category: Not classified as hazards preparation

Penetration Approach: Ingestion and eye contact

Health Effects: Ingestion may result in gastric disturbance, contact with eyes may result in Irritation and uncomfortable

Environment Effects: None

Flammable or Explosive Risk: Can be ignited, no explosive risk

4.FIRST AID MEASURES

Skin Contact: No data

Eye Contact: Immediately wash eyes with running water for 15 minutes, if irritation develops, get medical attention

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Inhalation: No data

Ingestion: If swallowed .seek medical advice immediately.

5.FIRE FIGHTING MEASURES

Risk Characteristic: With oxygen exists, can be ignited by fire or high temperature

Hazardous Decomposition Products: Burning in insufficient air supply may produce toxic fume of carbon monoxide, such as CO and soot

Fire Extinguishing Media: Powder, CO₂, foam and water-based extinguishers

Special Procedure/Protection: Wear self-contained breathing apparatus to avoid inhalation smoke or oxygen insufficient

6. ACCIDENTAL RELEASE MEASURES

Emergent Reaction: No data

7.HANDLING AND STORAGE

Handling: No data

Storage: Store away from direct sunlight, high temperature and water, within the following environment: temperature: 23+/-2℃, humidity: 45%~55%

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold Limit Value (TLV): Not applicable

Detection Method: Not applicable

Engineering Control: Not applicable

Respiration Protection: Not applicable

Eye Protection: Use safety glasses

Body Protection: No data

Hand Protection: No data

Other Protection Methods: No eating or drinking in work place

9.PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Character/Odor: Solid roll, strip sheep when unwind, with slightly odor

PH: Neutral

Melting Point (℃) : Not applicable

Specific Gravity (Water=1): <1

Boiling Point (℃) : Not applicable

Vapor Density (Air=1): Not applicable

Vapor Pressure (kPa) : Not applicable

Heat of Combustion (kJ/mol) : No data

Critical Temperature(℃): Not applicable

Critical Pressure (MPa): Not applicable

KOW (Octanol /Water Partition Coefficient): Not applicable

Flash Point (℃) : Not applicable

Upper Explosion Limited% (V/V) : Not applicable

Ignition Point (℃) : ~130 ℃

Lower Explosion Limited% (V/V) : Not applicable

Solubility: Not applicable

Main Purpose: printing material
AveryDennison(China)Co.,Ltd

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibilities: No data

Conditions to Avoid: high temperature, sunlight, aqosity

Hazardous Polymerization: None

Decomposition Products: No data

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: None

Sub-acute and Chronic Toxicity: None

Irritants: None

Allergenic: None

Carcinogenicity: None

Others: None

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data

Biodegrade: No data

Non-biodegrade: Can be decomposed by light or water

Bio-concentration/Bio-accumulation: None

Others: None

13. DISPOSAL CONSIDERATIONS

Waste Properties: Not listed in 《State List of Hazards Waste 2008》

Disposal Method: No data

Attentions: No data

14. TRANSPORT INFORMATION

Hazard Classification: Not listed in Chinese 《GB6944-2005》

UN No.: None

Packing Symbol: None

Packing Group: Not listed in Chinese 《GB/T15098-2008》

Packing Method: None

Attentions for Transport: Not listed in danger goods, in accordance with state and local regulations

15. REGULATORY INFORMATION

Domestic: Following Chinese 《Safe Management Rules of Hazard Chemical》 and related regulations

International: In accordance with state and local regulations

16. OTHER INFORMATION

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Reference: 《GB16483-2000 General rules for preparation of chemical safety data sheet》

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Prepared By: QA/EHS department of Avery Dennison (China) Co., Ltd

Reviewed and Approved By: EHS department of Avery Dennison (China) Co., Ltd

Modification Hints: 1st at 2009

Others: None

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