ASIA PACIFIC INDUSTRY GROUP CO., LIMITED
Tel +0086-551-64687285
Email sales@boppfilmsales.com
www.boppfilmsales.com · www.apigcl.com

BOPP Film — Material Safety Data Sheet
BOPP 薄膜 — 材料安全数据表（MSDS）

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APIG-MSDS-BOPP-2026	**Rev. 2.0**	**2026-11-09**	**Material Safety Data Sheet / / 技术数据表**

SECTION 1 • PRODUCT & COMPANY IDENTIFICATION 第 1 节 产品与公司识别

Item 项目	Information 内容
Product name 产品名称	BOPP Film（双向拉伸聚丙烯薄膜）
Trade code 产品代号	Food Packing Film (25 μm)
Intended use 用途	Food packaging and general flexible packaging 食品包装及通用软包装
Supplier 供应商	ASIA PACIFIC INDUSTRY GROUP CO., LIMITED
Supplier address 地址	No.3399 Luzhou Ave., Baohe Dist., Hefei, Anhui 230051, China
Contact 联系方式	Tel +86-551-64687285 · sales@boppfilmsales.com

仅保留本公司联络方式。

SECTION 2 • COMPOSITION / INFORMATION ON INGREDIENTS 第 2 节 成分 / 组成信息

Component 组分	CAS Number CAS 编号	Weight Percent (%) 含量 %
Polypropylene 聚丙烯	9003-07-0	99.892
Amines 胺类	—	0.05
Lipids 脂类	—	0.05
Silica 二氧化硅	—	0.008

Description: mixture of the substances listed above with additions. Figures are in the material safety data sheet.
说明：为上述物质的混合物并含少量添加剂;数值按材料安全数据表列示。

SECTION 3 • HAZARDS IDENTIFICATION 第 3 节 危险性概述

NFPA ratings (scale 0 - 4) Health = 1; Fire = 1; Reactivity = 0 .HMIS-ratings (scale 0 - 4) Health = 1; Fire = 1; Reactivity = 0 Hazard to the health of individuals: This products is not toxic. .Emergency Overview: Irritating vapors to respiratory system and eyes may form when polypropylene is processed at high temperatures. Molten or heated material in skin contact can cause severe burns. .Routes of Entry: FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation. .Potential Acute Health Effects: .Eyes: Slightly hazardous by the following route of exposure: of eye contact (irritant). Heated Polymer: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye. .Skin: No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. Heated

危险性概述：健康、燃烧与反应性分级，以及主要暴露途径。

SECTION 4 • FIRST AID MEASURES 第 4 节 急救措施

After inhalation: The material is not expected to present an inhalation hazard. .After skin contact: Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal bums. .After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. . After swallowing: If symptoms persist consult doctor. . Ingestion: No adverse health effects expected from ingestion. .After first aid, get appropriate in-plant , paramedic, or community medical support

急救措施：吸入、皮肤、眼睛及食入后的现场处置。

SECTION 5 • FIRE-FIGHTING MEASURES 第 5 节 消防措施

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General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated. .Extinguishing Media: Use water spray,dry chemical, carbondioxide, or chemical foam. Coolcontainers with flooding quantities of water until well after fire is out. .Flash Point: Not available. .Auto ignition Temperature: Not Determined .LEL: Not Determined. .UEL: Not Determined. . .Special fire & explosion hazards: Dense smoke emitted when burned without sufficient oxygen. In a relatively sealed container combustion explosion may occur. .Exiting using media: Dry Chemical, Carbon Dioxide, and Foam. .Unusual Fire or Explosion Hazards: None

消防措施：适用灭火剂、燃烧分解产物与消防员防护。

SECTION 6 • ACCIDENTAL RELEASE MEASURES 第 6 节 泄漏应急处理

Small Spill and Leak: Polypropylene piece on the floor will winding foot and lead fall. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel,or vacuum material into clean containers. .Large Spill and Leak: Use a shovel to put the material into a convenient waste disposal container

泄漏应急处理：少量及大量泄漏的收集与清理方法。

SECTION 7 • HANDLING AND STORAGE 第 7 节 操作处置与储存

Handling: Handling of Polypropylene piece may form nuisance odor. Necessary Need to wear masks Protect personnel. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection andrepair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA 654. .Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents

操作处置与储存：操作注意事项、粉尘控制与储存条件。

SECTION 8 • EXPOSURE CONTROLS / PERSONAL PROTECTION 第 8 节 接触控制与个体防护

Ventilation and Engineering controls: No special ventilation and engineering controls are required for handling of these products. .Respiratory Protection: No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U. S. Federal OSHS Standard, applicable U. S. State regulations, or the Canadian CSA standard. .Body Protection: No special protective clothing is required. .Protective Gloves: Protective Gloves If you need you can wear Rubber or plastic acid-resistant gloves with elbow-length gauntlet. .Eye Protection: Tightly sealed goggles When necessary to wear chemical goggles or face shield

接触控制与个体防护：通风要求及呼吸、手部、眼部防护。

SECTION 9 • PHYSICAL AND CHEMICAL PROPERTIES 第 9 节 理化特性

Refer to the corresponding section of the material safety data sheet for this product.

理化特性：外观、熔点、密度、溶解性等基本物性。

SECTION 10 • STABILITY AND REACTIVITY 第 10 节 稳定性和反应性

Chemical Stability: The product is stable. Avoid temperatures above 270 degree C. .Conditions to Avoid: Dust generation. .Incompatibilities with Other Materials: Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons. .Hazardous Decomposition Products: The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds. .Hazardous Polymerization: Hazardous polymerization will not occur

稳定性和反应性：化学稳定性、避免条件及禁配物。

SECTION 11 • TOXICOLOGICAL INFORMATION 第 11 节 毒理学资料

Toxicity to Animals: LD50: Not available. LC50: Not available. .Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC. .Other Toxic Effects on Humans: None .on the skin: There is no harm .General Information Form: Color: Odor: Solid Transparence Odorless

.Change in condition Melting point/Melting range: Boiling point/Boiling range: >220℃ Not available .Flash point: Not applicable .Self-igniting point: Not available .Danger of explosion: Product does not present an explosion hazard .Density: Not determined .Relative density: 0.88 to 0.92 (Water = 1) .Vapor density: Not available .Evaporation rate Not Applicable .Solubility in/Miscibility with Water: Not miscible .PH-Value: Not available .Viscosity: Dynamic: Not available .on the eye:Light irritating to the eye .Carcinogenicity: None Determined. .Mutagenicity: None De

毒理学资料：急慢性毒性、致癌性分类与暴露影响。

SECTION 12 • ECOLOGICAL INFORMATION 第 12 节 生态学资料

Instability: stable, this product will not cause harm to the surrounding environment. .Persistence/Degradability: in the long term. .Environmental Precautions: Minimize the potential harm to the environment, to dispose of in accordance with the norms, the general will not result in the impact and harm aquaticplants

生态学资料：环境稳定性、降解性与环境防护。

SECTION 13 • DISPOSAL CONSIDERATIONS 第 13 节 废弃处置

Product: Must be disposed of in accordance with applicable Federal, state and local regulations. .Recommendation Must not be dispose together with household garbage. Do not allow product to reach sewage system. .Uncleaned packaging: Recommendation Disposal must be made according to official regulations

废弃处置：产品及包装的合规处置要求。

SECTION 14 • TRANSPORT INFORMATION 第 14 节 运输信息

DOT Classification for Bulk Shipments (non bulk shipments may differ): Not a DOT controlled material (United States). .DOT Proper Shipping Name: Polypropylene film .UN Number: Not applicable. .Packing Group: Not applicable. .USCG Proper Shipping Name: Polypropylene film .Marine Pollutant: Not. .Hazardous Substance Reportable Quantity: Not available. .Special Provisions for Transport: Not applicable. .TDG Classification: Not controlled under TDG (Canada). .ADR/RID Classification: Not controlled under ADR(Europe) .IMO/IMDG Classification: Not Controlled under IMDG. .ICAO/IATA Classification: Not controlled under IATA

运输信息：运输分类、UN 编号与包装组别。

SECTION 15 • REGULATORY INFORMATION 第 15 节 法规信息

HCS Classification: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. .U. S. Federal Regulation: .TSCA inventory: All components are listed or exempted. .SARA 301/302/303No chemicals in this product are listed as extremely hazards substances in 40 CFR 355, Emergency Planning And Notification(Appendix A to Part 355). .SARA 304: No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning And Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR Part 302). .SARA 313: This product contains no chemicals in excess of the applicable de minims concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CF

法规信息：主要法规符合性声明。

SECTION 16 • OTHER INFORMATION 第 16 节 其他信息

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC, 1999/45/EC, 1967/548/EEC.

其他信息：资料编制依据与使用说明。

Values are indicative;数值仅供参考，订单执行以正式技术协议为准。