

**** MATERIAL SAFETY DATA SHEET ****

货物安全特性报告

MSDS Name (报告物名称): BOPP THERMAL LAMINATING FILM

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

第一部分 化工产品及其发件单位

MSDS Name(报告物名称): BOPP THERMAL LAMINATING FILM

Catalog Numbers (化工品分类号): 9003-07-0

Synonyms(又名): BOPP THERMAL FILM

Company Identification(发件公司名称): ASIA PACIFIC INDUSTRY GROUP CO., LIMITED

For information, call(一般联系电话): 0086-551-64687285/64683490

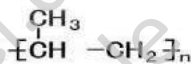
For emergencies, call(应急联系电话): 0086-18919654871

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

成份特点

CAS# or H.S.code 化学特性索引号码	Chemical Name 化学名称	% 浓度	EINECS# 现存化学物质欧洲数据库号码
3920109090	BOPP THERMAL LAMINATING FILM	≥99.9%	

Molecular structure (分子结构):



Molecular formula (分子式): $[\text{C}_3\text{H}_6]_n$

CAS Registry Number(CAS 登录号): 9003-07-0

Physical and chemical properties

Nature Description (性质描述):

The melting point of pH: (°C) :165-170

Ignition temperature (:420°C) (powder cloud)

Coating equipment: dry, wet laminating machine

Hot roll temperature: printed matter in general: 85 ~ 100 °C

Special printing products: 100 ~ 110 °C Pressure: 10 ~ 18Mpa Speed: 8 ~ 50m/min

Note: special printing ink layer thick, refers to the deep color, water weight, large print paper

Safety instructions (安全说明): S24/25: to prevent skin contact.

Hazard Symbols(危险特性): Unknown

Risk Phrases(危险条件): Inhalation

**** SECTION 3 - HAZARDS IDENTIFICATION ****

危险特征

EMERGENCY OVERVIEW 概述

Risk categories (危险性类别) :Unknown

Invasive approach(侵入途径): Inhalation

Health hazard(健康危害): Itself non-toxic, pay attention to the toxicity of different additives. The pyrolysis product acids, aldehydes, such as eye, upper respiratory tract have a stimulating effect.
Environmental hazards(环境危害): decomposition in the soil can not
Explosion hazard(燃爆危险): product can burn.

**** SECTION 4 - FIRST AID MEASURES ****

应急医疗救治

Inhalation (吸入): From the scene to fresh air. If breathing is difficult, give oxygen. Medical treatment.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Hazardous characteristics (危险特性): the powder and air can form explosive mixtures when a certain concentration is reached, the case of Mars will be an explosion. Thermal decomposition to produce flammable gas.

Hazardous combustion products(有害燃烧产物): carbon monoxide, carbon dioxide.

Fire fighting methods(灭火方法): as far as possible the container from the scene empty Department. Extinguishing Media: Water spray, foam, dry powder, carbon dioxide, sand.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

事故处理

Emergency treatment(应急处理): Isolation leak contaminated areas, restricted access. Cut off the fire source. Recommended emergency personnel wearing a dust mask (full face mask), to wear the uniforms for the general operations. Clean shovel collection in a dry, clean, covered containers, transfer to a safe place. If large spills, recycling or collection shipped to the waste disposal sites.

**** SECTION 7 - HANDLING and STORAGE ****

处理和存放

Handling Precautions(操作注意事项): closed operation. Closed operations, to provide good natural ventilation conditions. The operator must go through specialized training, and strictly abide by the rules. Suggested that the operating personnel wearing self-absorption filter respirators. Away from fire, heat, workplace smoking. Use explosion-proof ventilation systems and equipment. Avoid contact with oxidants. Handle gently, to prevent damage to packaging and containers. With appropriate types and quantities of fire-fighting equipment and spill response equipment. The empty containers may be harmful residues.

Storage Precautions(储存注意事项): Store in cool, ventilated coffers. Keep away from fire and heat source. And oxidizer stored separately to avoid mixing reservoir. Equipped with appropriate types and quantities of fire-fighting equipment. The storage area should be equipped with suitable material spill.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

安全控制和人员保护

Occupational exposure limit

TLVTN: Did not develop standards TLVWN: Did not develop standards

监测方法:

Engineering Controls (工程控制): Closed operation. Provide good natural ventilation conditions.

Personal Protective Equipment 个人防护

Respiratory protection (呼吸系统防护) : concentration in excess of dust in the air, it is recommended to wear self-absorption filter respirators.

Eye protection (眼睛防护) : when necessary, wearing chemical protective safety glasses.

Physical protection (身体防护): wear the general operation of protective clothing.

Hand protection(手防护): Wear protective gloves general operations.

Other protection (其他防护) : no smoking scene work. To maintain good health habits.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

规格 SPECIFICATION		22 亮光 GLOSS	22 哑光 MATT
厚度 THICKNESS(UM)	BASE	12	12
	EVA	10	10
	TOTAL	22	22
定量 WEIGHT	m ² /kg	41.28	39.688
	kg/m ²	0.2035	0.019536
宽度 WIDTH	500 550 600 650 700 750 1330 Upon customer's requirement		
长度 LENGTH	200 - 6,000 more or less 10% allowed		
电晕处理面 CORONA TREATMENT SIDE	A	B	AB(BOTH SIDE)
接头数 CONNECTOR	Less than 2		
拉力 TENSILE STRENGTH	MD:2.4*10 ⁶ dyne/cm		CD:5.3*10 ⁶ DYNE/cm
纸芯直径 PAPER CORE(INTER DIA	25.4mm(1')/76mm(3') 155mm(6')		

**** SECTION 10 - STABILITY AND REACTIVITY ****

稳定性和活性

Chemical Stability 化学稳定性:stable

Conditions to Avoid: 应避免的环境

INCOMPATIBILITY (禁配物) : Strong oxidizers.

Conditions to avoid (避免接触的条件) : Unknown

Hazardous Polymerization (聚合危害) : not available

Decomposition products (分解产物) : Unknown

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

毒性信息

Acute toxicity (急性毒性) :

LD50 (LD50) : Not available

LC50 (LC50) : No Data
Carcinogenicity (致癌性) : no data
Subacute and chronic toxicity (亚急性和慢性毒性) : No Data
Irritating (刺激性) : no information
Sensitization (致敏性) : no data
Mutagenicity (致突变性) : No Data
Teratogenicity (致畸性) : No Data

**** SECTION 12 - ECOLOGICAL INFORMATION ****

生态学信息

Ecotoxicity (生态毒理毒性) : no data
Biodegradability (生物降解性) : no data
Non-biodegradable (非生物降解性) : no information
Bioconcentration or bioaccumulation (生物富集或生物积累性) : No data
Other harmful effects (其它有害作用) : no data.

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

销毁建议

Waste nature (废弃物性质) : unknown
Waste Disposal Method (废弃处置方法) : Disposal should refer to the relevant laws and regulations of the national and local. Recommended disposal by incineration.

**** SECTION 14 - TRANSPORT INFORMATION ****

运输信息

Dangerous Goods Code (危险货物编号) : No Data
UN Number (UN 编号) : Not available
Packaging and marking (包装标志) : No Data
Packaging categories (包装类别) : Z01
Packing method (包装方法) : Not available.
Transport Note (运输注意事项) : the time of shipment packaging integrity and loading should be safe. During transport to ensure that the container does not leak, did not fall, not fall, no damage. Oxidants such as mixed mixed operation is strictly prohibited. Transit should prevent sunlight, rain, high temperature.

Reported by: (报告人)

Company Name (公司名称): ASIA PACIFIC INDUSTRY GROUP CO., LIMITED

Date(日期): 2018-09-01

Authorized Person(报告人): SUNNY JIANG

Signature(签名): _____