Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/undertaking

.Product details

.Trade name: *BOPP Film*

.Trade code: *Food Packing Film(25u)*

.Manufacturer/Supplier: *Asia Pacific Industry Group Co., Limited*
No.3399,Luzhou Ave.,Baohe Industrial District, 230051, Hefei city,
Anhui Province, P.R.China
Tel: +86-551-64687285
Fax: +86-551-64683490

.Further information obtainable from: *Asia Pacific Industry Group Co., Limited*

.Information in case of emergency: *Ningbo Asia Plastics Technology Co.,Ltd.*
No.3399,Luzhou Ave.,Baohe Industrial District, 230051, Hefei city, Anhui
Province, P.R.China
Tel: +86-551-64687285

.E-Mail: *sale@boppfilmsales.com*

.Contact: *Meng xiaoling*

2 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

.Components Number:	***CAS Number***	***Weight Percent (%)***
Polypropylene	*9003-07-0*	*99.892%*
Amines	*-- -- --*	*0.05%*
Lipids	*-- -- --*	*0.05%*
Silica	*-- -- --*	*0.008%*

3 Hazards identification

.NFPA ratings (scale 0 - 4)



Health = 1; Fire = 1; Reactivity = 0

.H



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*

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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 or Burning PET: *skin contact can cause serious thermal burns.*
.Inhalation: *Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.*
.Ingestion: *No effects are expected for ingestion of small amounts. May be a choking hazard.*
.Potential Chronic Health Effects:
.CARCINOGENIC EFFECTS: *Polypropylene is not a known carcinogen.*
Classified NONE by NTP, NONE by OSHA, 3 (Not classifiable for humans) by IARC.
.MUTAGENIC EFFECTS: *Not available.*
.TERATOGENIC EFFECTS: *Not available.*
.Medical Conditions Aggravated by Overexposure: *There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate any medical condition.*
.Overexposure/ Signs/ Symptoms: *No information available.*

4 First aid measures

.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.

5 Fire-fighting measures

.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, carbon dioxide, or chemical foam. Cool containers 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.*

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6 Accidental release measures

.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.*

7 Handling and storage

.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.*

8 Exposure controls/personal protection

.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.

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9 Physical and chemical properties

.General Information	
Form:	Solid
Color:	Transparence
Odor:	Odorless
.Change in condition	
Melting point/Melting range:	>220℃
Boiling point/Boiling range:	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

10 Stability and reactivity

.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.

11 Toxicological information

.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

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.on the eye: *Light irritating to the eye*

.Carcinogenicity: *None Determined.*

.Mutagenicity: *None Detemined.*

.Teratogenicity: *None Determined.*

12 Ecological information

.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 aquatic plants.*

13 Disposal considerations

.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.*

14 Transport information

.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.*

15 Regulatory information

.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 301/302/303*No 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).*

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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 CFR Part 372 (Table 372.65).*

SARA 311/312: *This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and as such does not require reporting under the requirements of 40 CFR 370, Hazardous Chemical Reporting: Community Right-To-Know.*

Specific state and local regulations should be consulted to determine if there are any additional requirements. Because many states and localities have added requirements or incorporated the Federal contents in their own forms, Tier I & II forms should be obtained from the State Emergency Response Commission (SERC).

Clean water act (CWA) 307: *No products were found.*
Clean water act (CWA) 311: *No products werefound.*
Clean air act (CAA) 112 accidental release prevention: *No products were found.*
Clean air act (CAA) 112 regulated flammable substances: *No products were found.*
Clean air act (CAA) 112 regulated toxic substances: *No products were found.*

International Regulations
WHMIS: *Not controlled under WHMIS*
EINECS: *Not available.*
DSCL: *Not controlled under DSCL*
International Lists: *No products were found.*
State Regulation: *No products were found. California Prop.65: There are no Proposition 65 chemicals present in our Amorphous Polyethylene Terephthalate at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.*

16 Other information

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

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The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handing, storage, use or disposal of the product are beyond ourcontrol and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may be applicable.

Emergency Telephone Number: *+86-189 1965 4871*
Department issuing MSDS: *Asia Plastics Industry Group Co., Limited*
Contact: *Meng xiaoling*

**********The End**********

Asia Pacific Industry Group Co., Limited
http://www.boppfilmsales.com
Skype:asiapacificsale
Wechat/whatsapp/mobile:86-18919654871
24 hour Eastern Communication Chemicals
http://www.boppfilmsale.com