

**MATERIAL SAFETY DATA SHEET****ACCORDING TO 91/155/EEC AND ISO 11014-1****Data:** Feb. 6, 2018**Number:** RJSSH1475634MSDSEU-1**IDENTITY** (As Used on Label and List)**Product name:** Biaxially Oriented Polyamide Film**SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Manufacturer's Name:**

Asia Pacific Industry Group Co., Limited

**Address (Number, Street, City, State, and ZIP Code):**No.3399 Luzhou Ave., Baohe Industrial District, 230051, Hefei city,  
Anhui Province, P.R.China**Emergency Telephone Number:** +86-0551-64687285**Fax Number for Information:** +86-051-64683490**E-mail:** 840715367@qq.com**SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Cas No.	%	PEL	TLV
Polyamide 6	25038-54-4	100	N/E	N/E

**SECTION III - HAZARDS IDENTIFICATION****Emergency Overview:** This product with no health hazards reported from normal use. Thermal decomposition can create toxic vapors, gases or fumes.**Route of entry:** Inhalation, skin contact, eye contact, ingestion.**Eye:** Dust may cause irritation or corneal injury due to mechanical action. Fumes released during hot operation may cause eye irritation.**Skin:** May cause skin irritation for certain people.**Ingestion:** May be harmful if swallowed.**Inhalation:** Fumes generated under heat may cause irritation to upper respiratory tract and lungs.**Carcinogenicity (NTP) (IARC) (OSHA):** This product is not listed as a carcinogen.**Note:** Read the entire MSDS for a more thorough evaluation of the hazards.



#### SECTION IV - FIRST AID MEASURES

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Flush eyes with plenty of water for 15 minutes to remove particulate.

**Ingestion:** Not a likely route of exposure. Induce vomiting if large quantities are swallowed. Get medical attention.

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Oxygen may be given by qualified personnel. Get medical attention.

#### SECTION V - FIRE FIGHTING MEASURES

**Flammable Properties:**

Flash point: Not applicable

Method used: Not applicable

**Flammability Limits:**

LFL: Not applicable

UFL: Not applicable

**Hazardous Combustion Products:** This product is flammable. Combustion may produce acrid smoke and irritating fumes.

**Extinguishing Media:**

Use dry chemical, water fog, foam and carbon dioxide.

**Fire Fighting Procedures:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Fight fire from the maximum distance. Evacuate area. Extinguish a fire from windward. Prevent inhalation of gas produced.

**Other Flammability Information:** Dense black smoke emitted when burned without sufficient oxygen.

Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.

#### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Wear appropriate personal protective equipment as specified in Section VIII.

**Environmental Precautions:**

This material may be non-hazardous in ordinary use and may be discarded in accordance with applicable governmental regulations and take order with the demands of the environmental protection section.

**Methods of Clean up:**

Sweep and scoop all spilled material. Place them into a container, e.g. fiberboard drum or carton. Dispose in



accordance with applicable state and federal regulations.

## SECTION VII - HANDLING AND STORAGE

**Handling:** Keep far away from fire sources, heated or molten product when handling. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid ingestion.

**Storage:** Store in a cool, dry, and well-ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container closed when not in use. Protect from physical damage. Separate from combustible and strong oxidizing agents. Put it lightly when packing and transport, prevent the packing and container from damage.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measure:**

Use exhaust ventilation to keep airborne concentration below exposure limit.

**Personal protection equipment:**

**Respiration protection:** If TLV of product or any component is exceeded, a NIOSH approved air supply respirator is advised in absence of proper environmental control.

**Eye protection:** Not required under normal use.

**Hand protection:** Not required under normal use.

**Skin and Body Protection:** Not required under normal use.

**Recommended decontamination facilities:** Eye bath, safety shower, washing facilities.

## Section IX - PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Transparent Solid.

**Odor:** Odorless.

**Specific Gravity (at 20 °C) (water =1):** 1.15

**Solubility In Water (Weight %):** Insoluble.

**Melting Point:** 220°C

**Flash Point:** N/A

**Boiling Point:** N/A

**Decomposition Temperature:** Not determined

**Vapor Pressure:** N/A

**Vapor Density:** N/A



## SECTION X - STABILITY AND REACTIVITY

**Normally Stable:**

This product is stable under ordinary conditions of use.

**Incompatibility:**

Be resistant to a wide variety of chemicals. It is soluble in strong acids and bases.

**Conditions to Avoid:**

Direct sunlight, excessive heat and physical damage.

**Hazardous Decomposition Products:**

Combustion may produce acrid smoke and irritating fumes.

**Hazardous Polymerization:**

Will not occur.

## SECTION XI - TOXICOLOGICAL INFORMATION

**Reproduction Toxicity:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic Products:** Not available.

**Toxicity data for Polyamide 6:**

ORL-RAT LD50 3200 mg kg<sup>-1</sup>

ORL-MUS LD50 1900 mg kg<sup>-1</sup>

IHL-MUS LC50 11000 mg/m<sup>3</sup>

## SECTION XII - ECOLOGICAL INFORMATION

**Environmental Toxicity:**

On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

Mobility: None known

Bioaccumulative potential: None known

Degradability: Non-degradable



### SECTION XIII - DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:**

Used or unused product should be disposed of in accordance with Federal, State or Local Laws and Regulations.

**Empty Container Warnings:**

Empty containers may contain product residue, follow SDS and label warnings even after they have been emptied.

### SECTION XIV - TRANSPORT INFORMATION

**US Department of Transportation Classification:**

The product is not a DOT controlled material (United States).

**International Air Transportation Association Classification:**

This product is not classified as a hazardous material for transport under IATA regulations.

**International Maritime Organization – IMDG:**

This product is not classified as a hazardous material for transport under IMDG regulations.

**UN, IMO, ADR/RID, ICAO Code:**

This product is not classified as a hazardous material for conveyance under these codes.

### SECTION XV - REGULATORY INFORMATION

**EC label:** N/A

**Contains:** N/A

**Other regulation:** N/A

For details regulations you should contact the appropriate agency in your country.

### SECTION XVI - OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

#### NOTE

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