



## MATERIAL SAFETY DATA SHEET(MSDS) PP BAND

### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Misumi PP Band.  
 Distributor By : MISUMI(THAILAND) CO.,LTD.  
 Address: 300/24 MOO 1, EASTERN SEABOARD INDUSTRIAL ESTATE SOI 5  
 T.TASITH, A.PLUAKDAENG, RAYONG 21140 THAILAND  
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### Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Product Name: Misumi PP Band.

Chemical Composition

Chemical Name	FORMULA	CAS No.
Polypropylene	$(C_3H_6)_x$	9003-07-0
Calcium carbonate	$CH_2O_3.Ca$	471-34-1

**Ingredients** : - Polypropylene (PP) 400 , Polypropylene (PP) Recycle , Color bat

### Section 3 - HAZARDS IDENTIFICATION

Corrosive Material : NONE  
 Explosive Material : NONE  
 Flammable Material : It burns easily under fire.  
 Reactive Material : NONE  
 Toxic Material : NONE

### Section 4 - FIRST AID MEASURES

**Inhalation** : If exposed to the thermal decomposition gas, remove the person from exposure to fresh air environment. If difficulty in breathing occurs, seek medical attention immediately  
**Skin** : Polypropylene is inert and harmless. If irritation develops, seek medical attention immediately. If in contact with hot molten polyethylene, do not peel off the hot molten polypropylene from skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek medical attention immediately.  
**Eye** : If irritation develops, seek medical attention immediately

### Section 5 - FIRE FIGHTING MEASURES

**Suitable fire fighting agent** : Water spray, foam, carbon dioxide, dry chemicals, and etc.  
**Precautions to be observed** : Dense smoke and hazardous gases will be emitted when it is burned without sufficient oxygen. Material when melted will spread on the floor which will catch fire easily.  
**Protective clothing and Breathing apparatus** : Wear appropriate safety equipment during fire.

### Section 6 - ACCIDENTAL RELEASE MEASURES

**Steps to be taken** : In case of molten material, do not peel off the hot molten polypropylene from skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek medical attention immediately.  
**Personal protective gear** : When handling molten material, use thermal resistant gloves.

## Section 7 - HANDLING AND STORAGE

**Handling :** No risk to the health of operators when handling at room temperature. During processing, do not inhale the fumes and vapors.

**Storage condition :** Store away from heat or flames. Avoid contact with hot aromatic, chlorinated solvents and other hot strong oxidants.

## Section 8: PERSONNEL PROTECTION EQUIPMENT

**Eye protection :** None

**Skin protection :** Normal clothing

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

**Odour :** Odourless

**Color :** Clear / Per Request

**Boiling points :** No known applicable information

**Melting points / range :** 100 C – 128 C

**Vapour pressure :** No known applicable information

**Specific gravity :** 0.91 – 0.93

**Solubility in water :** Not soluble

**Solubility in other liquid :** No known applicable information

**Viscosity :** No known applicable information

**PH :** No known applicable information

**Flash point :** No known applicable information

**Flammability limits :** No known applicable information

**Auto-ignition temperature :** No known applicable information

## Section 10: CHEMICAL STABILITY AND REACTIVITY INFORMATION

**Stability :** Stable Thermal decomposition : No known applicable information

**Temperature Incompatible materials :** No known applicable information. Conditions to avoid : Keep away from fire. **Hazardous decomposition :** Carbon monoxide and carbon dioxide may be Product generated

**Hazardous polymerization :** No known applicable information

## Section 11: TOXICOLOGICAL INFORMATION

**Route of entry and effect :** Inhalation vapors produced are unlikely at room temperature

**Acute effects :** No known applicable information

**Chronic effects :** No known applicable information Permissible exposure level : No known applicable information.

## Section 12: ECOLOGICAL INFORMATION

**Biodegradability :** No known applicable information

**Aquatic toxicity :** No known applicable information

**Mobility :** No known applicable information

**Bioaccumulative potential :** No known applicable information

## Section 13: DISPOSAL CONSIDERATION

**Disposal method :** Recover for reuse if possible. It may be buried on an authorized landfill site or be incinerated; however, these disposal methods shall comply with the local authorities laws.

## Section 14: TRANSPORTATION INFORMATION

**Special transport :** No known applicable information requirement.

## Section 15: REMARKS

The information contained in this MSDS is presented in good faith, based on information available and is subject to change without notice. When special handling shall be necessary, please take measure for safety suitable for the application and usage. Offering of information is the main purpose of the article written on this MSDS does not guarantee.



สเปคสายรัดพลาสติกมิซูมิ	
สี	ดำ , เหลือง , น้ำเงิน , ขาว
ความกว้าง (มม.) +/-1	15
ความหนา (มม.) +/-0.1	0.8
ขนาดรูแกน (มม.) +/-10	200
ความยาวโดยประมาณ (ม.) +/-50	900
วัสดุ PP(Polypropylene)	90%
แคลเซียม	10%
น้ำหนัก (Kg.) +/-0.5	7
พื้นผิว	Embossed
แรงดึง (N/mm <sup>2</sup> )	>150
เปอร์เซ็นต์การยืดตัว (%)	<20