



**M & M Inter Company limited**

**บริษัท เอ็มแอนด์เอ็ม อินเตอร์ จำกัด**

25/7 หมู่ 1 ตำบลคลองโยง อำเภอพุทธมณฑล จังหวัดนครปฐม 73170

25/7 Moo 1 Khlongyong, Phutthamonthon, Nakornpathom 73170

Tel. 034-246247-50 Fax.034-246251

Email: info@mmintergroup.com Website: www.mmintergroup.com

## **MATERIAL SAFETY DATA SHEET**

### **1. Identification of the manufacturer**

<b>Product</b>	: Aluminum cut wire (1070)
<b>Size</b>	: 0.4mm , 0.6mm , 0.8 mm, 1.0mm, 1.2mm
<b>Uses of Goods</b>	: Applying with shot blast machine in blasting process.
<b>Thailand Distributor</b>	: M&M Inter Co.,Ltd. 25/7 Moo 1 Khlongyong, Phutthamonthon, Nakornpathom 73170

### **2. Chemical Composition( ≈% )**

<b>Mn</b>	<b>Si</b>	<b>Fe</b>	<b>Mg</b>	<b>Cu</b>	<b>Zn</b>	<b>Al(min)</b>	<b>other</b>
0.023	0.15	0.20	0.03	0.04	0.04	99.65	0.02

### **3. Physical and Chemical Properties**

Physical State	: solid, shape as cylinder, odorless, silver color
Melting Point	: 660.4 °C
Boiling Point	: N/A
Solubility in water	: not soluble
Density(at 20°C)	: 2.7g/cm <sup>3</sup>
Hardness	: 45-55HV



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### **4. Fuel and Explosion Hazard Data**

Flash Point	: N/A
Auto-Ignition Temperature	: N/A
Chemical Reactivity	: Using dry Chemical

### **5. Fire Fighting Measures**

Breathing Apparatus.	: Material is self extinguishing when removed from source of ignition. Fire fighters should wear self contained breathing apparatus. If exposed to fire please follow the below procedures.
Suitable extinguishing media	: Foam, extinguishing powder, carbon dioxide, water.
Extinguishing media which must not be	: High pressure water jet. used for safety reasons
Special exposure hazards from	: None known. resulting gases
Unusual Fire Hazards	: Airborne dust of any nature could form explosive mixture with air. Maintain good housekeeping for control of dust.

### **6. Health Hazard Data**

The material couldn't create any dangerous. If it is applied with equipment especially shot blast machine, however, it will generate dust during blasting process which causes cancer.

### **7. Safety Measures**

Special Production Information	
Fire and Explosion Prevention	: Keep away from heat and flame
Respiratory Protection	: Wear protection mask
Hand Protection Type	: No dangerous
Eye Protection	: Wear goggle

### **8. First Aid**

If inhaled	: Assist in breathing if necessary.Keep patient calm, remove to fresh air and arouse to vomit.
If on skin	: N/A
If in eyes	: Rinse immediately with plenty of water and



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consult with doctor.

## 9. Special Instructions

Handling and Storing	: Keep away from flame and moisture
Disposal Methods	: Clean splitting area with water
Extinguishing Media	: Use dry chemical fire extinguisher

## 10. Toxicological Information

Ingestion	: Moderately toxic after ingestion.
Skin contact	: Overexposure may cause irritation.
Eye contact	: Overexposure may cause irritation.

## 11. Ecological Information

Persistence and degradability	: Material is not biodegradable as it is. As disposal is after conversion to dust during its intended use, it is approved for land fill. If dust is contaminated with other toxic waste during use, approval from local authorities are needed.
Aquatic toxicity	: Non toxic. Do not release into water..

## 12. Transport information

No dangerous material according to transport regulations.

## 13. Disposal Considerations

According to the local guide lines for waste and garbage dump, combustion.

## 14. Handling and Storage

Protect against moisture

## 15. Personal protection

Wear facial mask and eye protector during work.

## 16. Other information

Equipment installation	: Ventilated area
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