



**M & M Inter Company limited**

**บริษัท เอ็มแอนด์เอ็ม อินเตอร์ จำกัด**

25/7 หมู่ที่ 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>	: Stainless steel cut wire(ROUND) SUS 304
<b>Size</b>	: 0.2mm,0.3mm,0.4mm,0.5mm,0.6mm,0.8mm, 1.0mm, 1.2mm.
<b>Uses of Goods</b>	: For 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. Composition and information on dangerous ingredients**

It composes of Alloyed steel with Chromium, Nickel and Manganese

### **3. Chemical composition (%)**

C	: Max 0.08%
Cr	: 17-19%
Ni	: 8.5-10%
Si	: Max 1.00%
Mn	: Max 2.00%
P	: Max 0.045%
S	: Max 0.03%

### **4. Physical and Chemical Properties**

Physical state	: Solid, shape as Ball Style, odorless
Melting Point	: 1400-1550°C
Boiling Point	: N/A
Solubility in water	: not soluble
Density (at 20°C)	: 7.6g/cm <sup>3</sup>
Hardness	: 400-600 HV



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### **5. Hazards Identification**

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

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

Health Hazard	: The material couldn't create any dangerous if it is applied with equipments especially Shot blast machine, however, it will generate dust during blasting process which causes cancer.
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### **7. First Aid Measures**

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 consult with doctor

### **8. Accidental release measures**

Personal precautions	: Avoid contact with eyes and skin.
Environmental precautions	: Do not allow to flow into drainage system.
Method of cleaning up / removing	: Sweep up and place into plastic bags or containers.

### **9. 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 Unusual Fire Hazards	: None known. resulting gases : Airborne dust of any nature could form explosive mixture with air. Maintain good housekeeping for control of dust.



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### **10. Handling and Storage**

Handling	: No special measures required.
Storage	: Store in a dry place and keep material tightly sealed.

### **11. Personal protection**

Personal protection	: Wear suitable protective gloves and protective goggles.
Respiratory Protection	: The need for respiratory protection should be determined By an industrial Hygiene evaluation.

### **12. Toxicological Information**

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

### **13. 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.

### **14. Disposal Considerations**

Method	: Land fill. 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
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### **15. Transport Information**

Special Requirement	: Not a hazardous material. Not subjected to any regulations.
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### **16. Other information**

Equipment installation	: Ventilated area
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