



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

Product	: Carbon Steel Shot
Size	: 0.3 ~ 1.0 mm
Uses of Goods	: For applying with shot blast machine in blasting process
Thailand Distributor	: M&M Inter Co.,Ltd. 25/7 Moo 1 Khlongyong, Phutthamonthon, Nakornpathom 73170

2. Chemical composition (%)

C	Si	Mn	P	S	other
0.12~0.25	<0.30	0.30~0.70	<0.040	<0.035	—

3. Physical and Chemical Properties

Physical State	: solid, shape as ball (not smooth) or as cylinder odorless
Melting Point	: 1350-1450°C
Boiling Point	: N/A
Solubility in water	: not soluble
Density(at 20°C)	: 7.85g/cm ³
Hardness	: 380~400HV

4. Fuel and Explosion Hazard Data

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



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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 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.

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.

7. Safety and 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 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



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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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