



SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

IDENTIFICATION

Product Name STEEL SHOT, STEEL GRIT (Thailand)

COMPANY DETAILS

Company Name Parmadar Pte Ltd
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 Telephone (65) 6861 0328 / (65) 97301750
 Email Address sales@parmadar.com

SECTION 2. COMPONENT

	C.A.S.Reg.No	%Weight	OSHA PEL (mg/m3)
Carbon	7740-44-0	0.85-1.2	3.5
Manganese	7439-96-5	0.60-1.2	5
Silicon	7440-21-3	0.40-1.2	-
Sulfur	7704-34-9	0.05 max	-
Phosphorus	7723-14-0	0.05 max	-

SECTION 3. MATERIAL & CHEMICAL PROPERTY

Vapor Pressure : N/A
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 Product Name : STEEL SHOT, STEEL GRIT
 Marking Date : 2024/8/1
 Solubility : Indissolubility in Water
 Specific Gravity : 7.2-7.6g/cm³
 Melting Point : 1,400 - 1,480°C
 Boiling Point : 2,850 - 3,150°C



Appearance and Odour	:	Spherical & angular with no odor
Ignition Point	:	Non-inflammability
Combustibleness (Solid/Gas)	:	Non-inflammability
Temperature of the spontaneous combustion	:	Non-inflammability
Explosion Range	:	Non-inflammability

SECTION 4. FIRE FIGHTING MEASURES

Digestive	:	It uses an extinguisher which fights the fire
The digestive must not use	:	Stick flooding
Danger of the harmfulness	:	Non-Information
The protection of a person	:	Wear an appropriate mask and protective clothes for chemistry

SECTION 5. FIRST AID MEASURES

Inhalation	:	To move victim to the place with fresh air and taking a rest with the posture that is easy to breathe and consulting a doctor promptly.
Skin Contact	:	Wash with water and soap. Consult a doctor when the skin is stimulated.
Eye Contact	:	To wash it with water carefully and consult a doctor promptly.
Swallowed	:	Contact a doctor promptly.
Symptom	:	(Inhalation) Metal Taste, Cough (Eyes) Flare

SECTION 6. HAZARDOUS HARMFUL PROPERTY

Harmful Property	:	N/A
Environmental Impact	:	N/A However, dust is generated during use or after use and is diffused in the atmosphere. There is a possibility of causing air pollution.
Physical and Chemical Hazardous Property	:	N/A
Stability	:	It is stable under normal temperature and ordinary pressure.
Dangerous State	:	It is possible to have a dust explosion when comes in contact with air, powder and granule.



Dangerous Resolution Material : Non-Information
 Condition to Avoid : Mixture with a hazardous substance.

SECTION 7. THE LEAKAGE

Instructions for the human : There is no harmful property to humans. However, if it leaks out on the floor in large quantity, the floor becomes slippery.
 Instructions for the environment : Prevent water pollution in case of flowing out to public water area.
 Collection : Quickly clean with a vacuum cleaner or a magnetic brush.

SECTION 8. HANDLING AND SAFEKEEPING

Attention to handling and safekeeping : Do local exhaust and total ventilation with the measures of facilities as mentioned in "Section 7. Prevention of Revelation and Protection Step".
 Wash your hands after using it. To avoid swallowing.
 Safekeeping : Keep it in a place with cool and good ventilation.

SECTION 9. PREVENTION OF EXPOSURE AND PROTECTION MEASURES

Measures of Facilities : Install a ventilating device in case of fine dust occurrence. To install a ventilating device and local exhaust to prevent an explosion in the workshop.
 Personal Protection : Wear protective clothes and boots for safety
 Leather gloves
 Mask for fine particles
 Wear eye goggles or face shield for the protection of the eyes.

SECTION 10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions
 Reactivity : Oxidation reaction against moisture
 Unfavorable Condition : High temperature, humidity
 Unfavorable Material : N/A
 Known Decomposition Product : N/A



SECTION 11. NOXIOUS INFORMATION

Acute Toxicity	:	Non-Data
Causticity of the skin & Pungency	:	Division 2
The serious damage for eyes	:	Division 1
Respiratory Sensitization	:	Non-Data
Skin sensitization	:	Non-Data
The variation of the generative cell	:	Not Classify
Carcinogenicity	:	Out of Division
The internal organs of the specific target Toxicity	:	(Revelation of Single): Division 3 (Revelation of Repetition): Division 1
Hazardous Property of Breathing	:	Non-Data

SECTION 12. INFLUENCE ON ENVIRONMENT

Hazardous property to the aquatic environment	:	Not Classify
Hazardous property to the aquatic environment (chronic)	:	Not Classify

SECTION 13. DISPOSAL

Leftover Waste	:	The waste disposed according to local laws. The processing manufacturer should be a waste industrial company which possesses the licence from the local government or local public entity.
Container	:	The container will be cleaned and recycled. When disposing of an empty container, completely remove the contents.

SECTION 14. TRANSPORTATION

No special precautions necessary. Avoid direct sunlight. It is recommended to keep bags closed and dry bulk loads covered to prevent dust generation.



SECTION 15. LAWS AND ORDINANCES

Labelling : Not a Workplace Hazardous
Not a Dangerous Goods

SECTION 16. OTHERS

Other Special Considerations : None identified

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