



**ALDON CORPORATION**

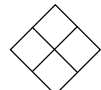
# MATERIAL SAFETY DATA SHEET

221 Rochester Street  
Avon, New York 14414-9409  
(585) 226-6177

MSDS No.: SS0989 SS0995  
Effective Date: January 1, 2007

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	Steel
<b>Chemical Synonyms</b>	Steel Shot, Steel Wool
<b>Formula</b>	N/A
<b>Unit Size</b>	up to 2.5 Kg.
<b>C.A.S. No.</b>	N/A



**CHEMTREC**  
800-424-9300  
Day 585-226-6177

**NFPA**

HAZARD RATING  
MINIMAL SLIGHT MODERATE SERIOUS SEVERE  
0 1 2 3 4

Health	0
Fire	0
Reactivity	0

**HMIS\***

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Steel	100%	None established.
<b>LOW HAZARD.</b>		

## SECTION III PHYSICAL DATA

Melting Point (°F)	1371 - 1483°C	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Boiling Point (°F)	2850 - 3150°C	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	N/A	Evaporation Rate ( =1)	Not applicable.
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble.		
Appearance & Odor	Metallic gray shavings or pellets; no odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-flammable.	<b>Flammable Limits in Air % by Volume</b>	Lower	Upper
<b>Extinguisher Media</b>	Use dry chemical or sand.			

### SPECIAL FIREFIGHTING PROCEDURES

Wear a NIOSH/MSHA-approved self-contained breathing apparatus.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

A fire hazard in the form of a fine dust dispersed in air or by chemical reaction with strong oxidizers can be an explosion hazard, especially when heated.

## SECTION V HEALTH HAZARD DATA

SS0995

**Threshold Limited Value** None established. (ACGIH 1992-93).

**Effects of Overexposure** Iron dust is a skin, eye and mucous membrane irritant, can cause irritation and inflammation of the eyes and lungs. Exercise appropriate procedures to minimize potential hazards. Target organs affected: None known.

**Emergency and First Aid Procedures** **INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Oxidizes readily in moist air.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizers, organic acids. Mineral acids, water.

**Hazardous Decomposition Products** None.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>
<b>May Occur</b>	<b>Will Not Occur</b>
	X
Not applicable.	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Sweep up for recycling or place in a suitable container for disposal.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Untaminated material may be disposed of in a sanitary landfill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None should be needed in normal laboratory handling. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	Recommended.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Recommended.	<b>Other</b>	No.

**Protective Gloves** None needed. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Goggles, eye wash station, lab coat.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place, away from acids and oxidizers. Wash thoroughly after handling.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Remove and wash contaminated clothing.

**D.O.T.** NON REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

Revision No. 7 Date 01/01/07 Approved James A. Bertsch Chemical Safety Coordinator JAB

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.