

1. CHEMICAL PRODUCT & COMPANY INFORMATION

Product Name: STEEL WOOL REELS	Emerg. Phone: 847-202-7000
Manufacturer: Global Material Technologies 1540 E. Dundee Road Suite 210 Palatine, IL 60074	Preparation Date: 11FEB02
Info. Phone #: 888-468-9665 (E-mail mail@gmt-inc.com)	
Hazard Characteristic Code: N1	
Container Quantity: 5 – 36 Pounds per carton	Type of Container: Corrugated Cardboard

2. COMPOSITION/INGREDIENTS

NONHAZARDOUS INGREDIENTS

STEEL	100%	<u>CAS#</u>	<u>NIOSH(RTECS)</u>
Fe – 98%		7439-89-6	N06925000
C - .07 - .14%		7440-44-0	FF5800000
Mn - .95% max.		7439-96-5	009275000
P - .08% max.			
S - .05% max.			
Si - .35%			

3. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance & Odor:	GRAY FINE STEEL FIBER, NO ODOR
Boiling Point:	2750 degrees C
Melting Point:	1535 degrees C
Vapor Pressure (mm Hg/70 F):	N/A
Vapor Density (Air = 1):	N/A
Specific Gravity(Water = 1):	7.8
Evaporation Rate:	N/A
Solubility in Water:	NOT SOLUBLE

4. FIRE & EXPLOSION HAZARD DATA

Flash Point:	250 Degrees C	Flammable Limits:	LEL: N/A
Extinguishing Media:	Water/Carbon Dioxide		UEL: N/A
Special Fire Fighting Procedure:	WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).		
Unusual Fire & Explosion Hazards:	AVOID CONTACT WITH INCOMPATIBLE MATERIAL.		

5. REACTIVITY DATA

Stability:	Stable
Conditions To Avoid:	AVOID CONTACT WITH OPEN FLAMES & ELECTRICITY.
Incompatibility (materials to avoid):	SODIUM CARBIDE, HALOGENS, PEROXIDE, NITRIC OXIDE, SULFURIC ACID.
Hazardous Decomposition Products:	HYDROGEN IS FORMED WHEN IN CONTACT WITH MINERAL ACIDS.
Hazardous Polymerization:	NO.
Conditions To Avoid (Poly):	NOT RELEVANT

6. HEALTH HAZARD DATA

LD50-LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE
 Route Of Entry Inhalation: YES Skin: NO Ingestion: YES
 Health Hazards Acute & Chronic: NONE APPLICABLE
 Carcinogenicity NTP: NO IARC: NO OSHA: NO
 Explanation of Carcinogenicity: CONTAINS NO INGREDIENTS THAT ARE CARCINOGENS OR SUSPECTED CARCINOGENS.
 Signs/Symptoms of Exposure: EYE IRRITATION
 Medical Condition Aggravated by Exposure: UPPER RESPIRATORY DISEASE.
 Emergency/First Aid Procedures: IRRIGATE EYES – CALL PHYSICIAN IMMEDIATELY.

7. PRECAUTIONS FOR SAFE HANDLING & USE

Steps if Material Released/Spilled: SWEEP UP MATERIAL FOR DISPOSAL. GLOVE RECOMMENDED.
 Neutralizing Agent: NONE
 Waste Disposal Method: GENERAL BULK DISPOSAL
 Precautions-Handling/Storing: USE PROTECTIVE GLOVES. STORE AWAY FROM OXIDIZING AGENTS & MINERAL ACIDS.
 Other Precautions: NONE

8. CONTROL MEASURES

Respiratory Protection: NIOSH APPROVED DUST MASK.
 Ventilation: LOCAL EXHAUST
 Protective Gloves: WORK GLOVES RESISTANT TO ABRASION.
 Eye Protection: GOGGLES RECOMMENDED.
 Other Protective Clothing & Equipment: NONE
 Work Hygenic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING & DRINKING.
 Supplier Safety & Health Data: NONE

9. TRANSPORTATION DATA

DOT PSN Code: NONE	DOT Proper Shipping Name: NOT REGULATED.
IMO PSN Code: NONE	IMO Proper Shipping Name: NOT REGULATED.
IATA PSN Code: NONE	IATA Proper Shipping Name: NOT REGULATED.
AFI PSN Code: NONE	AFI Proper Shipping Name: NOT REGULATED.

10. DISPOSAL DATA

NOT APPLICABLE

11. LABEL DATA

Label Required: YES	MFR Label Number: NONE
Label Status: F	Common Name: STEEL WOOL
Chronic Hazard: NO	Signal Word: CAUTION!
Acute Health Hazard: NONE	
Contact Hazard: NONE	
Fire Hazard: SLIGHT	
Reactivity Hazard: SLIGHT	