

**1. CHEMICAL PRODUCT & COMPANY INFORMATION**

Product Name: **STEEL WOOL REELS** Emerg. Phone: 847-202-7000  
 Manufacturer: Global Material Technologies Preparation Date: 11FEB02  
 1540 E. Dundee Road Suite 210  
 Palatine, IL 60074  
 Info. Phone #: 888-468-9665 (E-mail [mail@gmt-inc.com](mailto: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

	<u>CAS#</u>	<u>NIOSH(RTECS)</u>
STEEL	100%	
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	