

## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION I: MATERIAL IDENTIFICATION

**CHEMICAL FAMILY:** Gray Iron  
**MANUFACTURER:** Iron (Fe)  
**CONTACT INFORMATION:** Thyssen Krupp-Waupaca, Inc. Waupaca, WI 54981  
TufTile™ 1200 Flex Court, Lake Zurich, IL 60047  
Ph: (888) 960-8897

### SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous Components:** None in solid form  
**Composition:** Carbon (C), Chromium (Cr), Copper (Cu), Iron (Fe), Nickle (Ni), Silicon (Si), Tin (Sn)  
**Melting Temperature:** 2350 Degrees Fahrenheit

### SECTION III: PHYSICAL CHARACTERISTICS

**Emergency Overview:** This material is NOT HAZARDOUS by OSHA Hazard  
**Appearance and Odor:** Solid Mass, No Odor  
**Specific Gravity:** 7.86  
**Freezing Point:** N/A  
**Solubility in Water:** Insoluble  
**% Volatile by Volume:** N/A  
**Boiling Point:** 5000F  
**pH:** N/A

### SECTION IV: FIRE AND EXPLOSION INFORMATION

**Flammability:** Not Flammable  
**Means of Extinction:** N/A  
**Special Procedures:** None  
**Explosion Data:** None Known  
**Sensitivity of Mechanical impact:** None  
**Hazardous Combustion:** None Known  
**Auto ignition Temp:** N/A  
**Sensitivity to Static:** N/A

### SECTION V: HEALTH HAZARD DATA

**Permissible Exposure:** N/A for product (See Section II above)

### SECTION VI: REACTIVITY DATA

**Chemical Stability:** Yes  
**Reactivity:** N/A

### SECTION VII: SPILL OR LEAK PROCEDURES

**Spill:** None (Solid Mass Product)  
**Waste Disposal:** Recover or Recycle if possible

### SECTION VIII: PROTECTIVE EQUIPMENT TO BE USED:

**Protective Gloves:** Wear resistant gloves  
**Eye Protection:** Wear safety glasses with side shields

### SECTION IX: LEGAL DISCLAIMER

*The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.™*