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**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

STEEL PRODUCTS IN THE SOLID STATE PRESENT NO FIRE OR EXPLOSION HAZARD

FLASH POINT: NONE  
EXTINGUISHING MEDIA: POUR WATER OVER STEEL  
SPECIAL FIRE FIGHTING PROCEDURES: N/A  
UNUSUAL FIRE AND EXPLOSION HAZARDS: MOLTEN METAL FALLING INTO WATER MAY RESULT IN AN EXPLOSION  
FLAMMABLE LIMITS: LEL-NONE UEL-NONE

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**SECTION V: HEALTH HAZARD INFORMATION**

STEEL PRODUCTS UNDER NORMAL CONDITIONS DO NOT PRESENT AN INHALATION, INGESTION OR CONTACT HEALTH HAZARD HOWEVER, OPERATIONS, SUCH AS, BURNING, WELDING, SAWING, BRAZING, GRINDING AND POSSIBLY MACHINING, ETC., WHICH RESULTS IN ELEVATING THE TEMPERATURE OF THE PRODUCT TO OR ABOVE ITS MELTING POINT OR RESULTS IN THE GENERATION OF AIRBORNE PARTICULATES, MAY PRESENT HEALTH HAZARDS CHEMICALLY TREATED WITH TRACE AMOUNTS OF CHROMIUM

**EFFECTS OF OVEREXPOSURE AND FIRST AID:**

- A INHALATION: ACUTE PULMONARY IRRITATION MAY CAUSE A CONDITION KNOWN AS METAL FUME FEVER. REMOVE TO FRESH AIR. CONSULT A PHYSICIAN. CHRONIC - UNKNOWN
- B INGESTION: NORMALLY DOES NOT OCCUR
- C EYES: ACUTE - MAY CAUSE ITCHING AND BURNING SENSATION IF WELDING. FLUSH WITH WATER AT LEAST FIFTEEN MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
- D SKIN: ACUTE - FLUSH WITH WATER AT LEAST FIFTEEN MINUTES

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**SECTION VI: REACTIVITY DATA**

STABLE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT WILL REACT WITH STRONG ACID TO LIBERATE HYDROGEN. AT TEMPERATURES ABOVE THE MELTING POINT OF THE COATING, MAY LIBERATE ZINC FUMES

STABILITY: STABLE  
HAZARDOUS DECOMPOSITION PRODUCTS: WILL NOT SUPPORT COMBUSTION  
ZINC AND ACIDS MAY PRODUCE HYDROGEN  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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**SECTION VII: SPILL OR LEAK PROCEDURES**

GENERALLY, THIS SECTION IS NOT APPLICABLE TO STEEL IN THE SOLID STATE

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

RESPIRATORY INFORMATION: DUST/MIST/FUME RESPIRATOR IF TLV OR PEL IS EXCEEDED  
VENTILATION: LOCAL EXHAUST AS REQUIRED TO STAY BELOW TLV OR PEL IF CUTTING, BURNING OR WELDING.  
PROTECTIVE GLOVES: ABRASIVE RESISTANT  
EYE PROTECTION: SAFETY GLASSES OR GOGGLES  
OTHER: LONG SLEEVE SHIRT IF SKIN CONTACT IS LIKELY

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**SECTION IX: SPECIAL PRECAUTIONS**

NONE  
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**SECTION X: SARA - SECTION 313**

ALL WEIGHTS ARE MAXIMUM FIGURES. CONSULT YOUR SPECIFICATION REQUIREMENTS FOR ACTUAL FIGURES

MANGANESE	7439-96-5	1.0 % BY WEIGHT
CHROME	7440-47-3	0.1 % BY WEIGHT
NICKEL	7440-02-0	0.1 % BY WEIGHT
ZINC	7440-66-6	10 % BY WEIGHT

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**SECTION XI: OTHER REGULATORY INFORMATION**

NO OZONE DEPLETING CHEMICALS ARE USED IN THE PRODUCTION OR MANUFACTURE OF THIS PRODUCT.

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**SECTION XII: PREPARATION INFORMATION**

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE, TO THE BEST OF MONOGRAM METAL'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE ISSUED. MONOGRAM METALS DOES NOT WARRANT OR GUARANTEE THEIR ACCURACY OR RELIABILITY, AND MONOGRAM METALS SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE ARISING OUT OF THE USE THEREOF.

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