

AUBURN STEEL CO. INC.

P.O. BOX 2008 - QUARRY ROAD - AUBURN, NY. 13021 *See Notice On Reverse Side.

001052

MATERIAL SAFETY DATA SHEET #1

THIS MSDS CONTAINS ENVIRONMENTAL, HEALTH AND TOXICOLOGY INFORMATION AS REQUIRED BY (29CFR - 1910.1200)

SECTION I

MANUFACTURER'S NAME AUBURN STEEL COMPANY, INC.		EMERGENCY TELEPHONE NO. 315-253-4561
ADDRESS (Number, Street, City, State and ZIP Code) P. O. BOX 2008, QUARRY ROAD, AUBURN, NEW YORK, 13021		
CHEMICAL NAME AND SYNONYMS ASTM GRADES OF A575 and A576		TRACE NAME AND SYNONYMS HOT ROLLED CARBON STEEL
CHEMICAL FAMILY NA	FORMULA NA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS	TLV (Upper)	ALLOYS AND METALLIC COATINGS	TLV (Upper)
PIGMENTS		BASE METAL IRON	.96
CATALYST		ALLOYS *SEE BELOW	10
VEHICLE		METALLIC COATINGS	
SOLVENTS		FILLER METAL PLUS COATING OR CORE FLUX	
ADDITIVES		OTHERS	
OTHERS			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES			
		*CARBON - % Wt. (.10 - .90)	NONE EXIST
		MANGANESE " (.10 - 2.00)	5 ms
		PHOSPHORUS " (.06 MAX.)	.1
		SULFUR " (.01 - .08)	13

OTHER TRACE ELEMENTS (< 1.00)

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	7.6-7
VAPOR PRESSURE (mm Hg)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (Air = 1)	NA	EVAPORATION RATE (**)	
SOLUBILITY IN WATER	NA		
APPEARANCE AND COLOR	GRAY METAL * ODORLESS		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	NA	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA	NA			
SPECIAL FIRE FIGHTING PROCEDURES	NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA			

general information and should not be construed as a statement or admission that Auburn Steel's product is a hazardous chemical.

SECTION V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Steel products in natural state present no hazard. Other operations such as grinding, welding, burning, etc. may result in inhalation exposure exceeding permissible limits in section 2.

EFFECTS OF OVEREXPOSURE:

Irritation of eyes, nose and throat.

EMERGENCY AND FIRST AID PROCEDURES:

Remove from excessive exposure levels unless proper respiratory protection is worn.

SECTION VI — REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to Avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

NA

WASTE DISPOSAL METHOD

ANY EXCESS OR SCRAP METAL IS RECYCLED.

SECTION VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)

NIOSH APPROVED FINE OR DUST RESPIRATORS

VENTILATION	LOCAL EXHAUST	RECOMMENDED WHEN WELDING/BURNING SUFFICIENT TO KEEP BELOW LIMITS	SPECIAL
	MECHANICAL (General)		NONE OTHER

PROTECTIVE GLOVES

WELDER'S PROTECTIVE GLOVES

EYE PROTECTION

FACE SHIELD OR GOGGLES

OTHER PROTECTIVE EQUIPMENT

FIRE-RETARDANT CLOTHING WHEN BURNING OR WELDING.

SECTION IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

NA

OTHER PRECAUTIONS

SEE AMERICAN NATIONAL STANDARD SAFETY IN WELDING AND BURNING.