

AUBURN STEEL CO. INC.

P.O. BOX 2008 - QUARRY ROAD - AUBURN, NY 13021

*See Notice
On Reverse
Side.

MATERIAL SAFETY DATA SHEET#2

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 LOW ALLOY GRADES		TRADE NAME AND SYNONYMS HOT ROLLED LOW ALLOY STEEL
CHEMICAL FAMILY NA	FORMULA NA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS	TLV (Units)	ALLOYS AND METALLIC COATINGS	
PIGMENTS		BASE METAL IRON	.93
CATALYST		ALLOYS *SEE BELOW	.98
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 LISTED
		MANGANESE " (.10 - 2.00)	5
		PHOSPHORUS " (.06 MAX.)	.1
		SULFUR " (.01 - .08)	13

OTHER ALLOY ELEMENTS (5.00 MAX.)

SECTION III - PHYSICAL DATA

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

... safety and Health
 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 (Reactions 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)

NIOSHA APPROVED FUME 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 STORAGE
 NA

OTHER PRECAUTIONS

SEE AMERICAN NATIONAL STANDARD SAFETY IN WELDING AND CUTTING.