

# Material Safety Data Sheet

STAINLESS STEEL, STRIP

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**FSC:** 9515  
**NIIN:** 00N083063  
**NSN:** 951500N0830630  
**MANUFACTURERS CAGE:** 0H061  
**PART NO INDICATOR:** A  
**PART NUMBER TRADE NAME:** STAINLESS STEEL, STRIP

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## General Information

**ITEM NAME:**  
**MANUFACTURERS NAME:** GRABBER CONSTRUCTION PRODUCTS  
**MANUFACTURERS STREET:** 205 MASON CIRCLE  
**MANUFACTURERS P O BOX:**  
**MANUFACTURERS CITY:** CONCORD  
**MANUFACTURERS STATE:** CA  
**MANUFACTURERS COUNTRY:** US  
**MANUFACTURERS ZIP CODE:** 94520  
**MANUFACTURERS EMERG PH:** 925-680-0777  
**MANUFACTURERS INFO PH:** 925-680-0777  
**DISTRIBUTOR VENDOR 1:**  
**DISTRIBUTOR VENDOR 1 CAGE:**  
**DISTRIBUTOR VENDOR 2:**  
**DISTRIBUTOR VENDOR 2 CAGE:**  
**DISTRIBUTOR VENDOR 3:**  
**DISTRIBUTOR VENDOR 3 CAGE:**  
**DISTRIBUTOR VENDOR 4:**  
**DISTRIBUTOR VENDOR 4 CAGE:**  
**SAFETY DATA ACTION CODE:** A  
**SAFETY FOCAL POINT:** N  
**RECORD NO FOR SAFETY ENTRY:** 001  
**TOT SAFETY ENTRIES THIS STK:** 001  
**STATUS:** SMJ  
**DATE MSDS PREPARED:** 23JUN97  
**SAFETY DATA REVIEW DATE:** 17FEB98  
**SUPPLY ITEM MANAGER:**  
**MSDS PREPARERS NAME:**  
**PREPARERS COMPANY:**  
**PREPARERS ST OR P O BOX:**  
**PREPARERS CITY:**  
**PREPARERS STATE:**  
**PREPARERS ZIP CODE:**  
**OTHER MSDS NUMBER:**  
**MSDS SERIAL NUMBER:** CGPMX  
**SPECIFICATION NUMBER:**  
**SPEC TYPE GRADE CLASS:**  
**HAZARD CHARACTERISTIC CODE:**  
**UNIT OF ISSUE:**  
**UNIT OF ISSUE CONTAINER QTY:**

**TYPE OF CONTAINER:**  
**NET UNIT WEIGHT:**  
**NRC STATE LICENSE NUMBER:**  
**NET EXPLOSIVE WEIGHT:**  
**NET PROPELLANT WEIGHT AMMO:**  
**COAST GUARD AMMUNITION CODE:**

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**Physical & Chemical Characteristics**

**APPEARANCE AND ODOR:** METALLIC GRAY-SOLID BLOCK, STAINLESS STEEL-SHEET, STRIP AND PLATE; NO ODOR.  
**BOILING POINT:** N/A  
**MELTING POINT:** N/K  
**VAPOR PRESSURE MM HG 70 F:** N/A  
**VAPOR DENSITY AIR 1:** N/A  
**SPECIFIC GRAVITY:** 7 (H\*2O=1)  
**DECOMPOSITION TEMPERATURE:** N/K  
**EVAPORATION RATE AND REF:** N/A  
**SOLUBILITY IN WATER:** N/A  
**PERCENT VOLATILES BY VOLUME:** N/A  
**VISCOSITY:**  
**PH:** N/A  
**RADIOACTIVITY:**  
**FORM RADIOACTIVE MATL:**  
**MAGNETISM MILLIGAUSS:**  
**CORROSION RATE IPY:** N/K  
**AUTOIGNITION TEMPERATURE:**

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**Fire and Explosion Hazard Data**

**FLASH POINT:** N/A  
**FLASH POINT METHOD:** N/P  
**LOWER EXPLOSIVE LIMIT:** N/A  
**UPPER EXPLOSIVE LIMIT:** N/A  
**EXTINGUISHING MEDIA:** NOT APPLICABLE FOR STAINLESS STEEL; DRY CHEMICAL AND SAND FOR DUST AND POWDER METAL FIRES.  
**SPECIAL FIRE FIGHTING PROC:** USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). NO SPECIAL REQUIREMENTS FOR THIS PRODUCT; USE TRADITIONAL FIREFIGHTING TECHNIQUES.  
**UNUSUAL FIRE AND EXPL HAZRDS:** NOT APPLICABLE FOR STAINLESS STEEL. IF PRESENT AS DUST OR POWDER, DUST AND POWDER ARE SUBJECT TO RAPID OXIDATION. STAINLESS STEEL IS NOT COMBUSTIBLE; (SUPDAT)

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**Reactivity Data**

**STABILITY:** YES  
**COND TO AVOID (STABILITY):** NONE SPECIFIED BY MANUFACTURER.  
**MATERIALS TO AVOID:** FOR DUST AND POWDER FORMS ONLY, AVOID CONTACT WITH STRONG ACIDS OR BASES AND CHEMICAL OXIDIZERS.  
**HAZARDOUS DECOMP PRODUCTS:** FOR DUST AND POWDER FORMS ONLY, HYDROGEN GAS CAN BE GENERATED IN CONTACT WITH MOISTURE OR ACIDS.  
**HAZARDOUS POLY OCCUR:** NO  
**CONDITIONS TO AVOID POLY:** NOT RELEVANT

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**Health Hazard Data**

**LD50 LC50 MIXTURE:** NONE SPECIFIED BY MANUFACTURER.

**ROUTE OF ENTRY INHALATION:** YES

**ROUTE OF ENTRY SKIN:** YES

**ROUTE OF ENTRY INGESTION:** YES

**HEALTH HAZ ACUTE AND CHRONIC:** STAINLESS STEEL PRESENTS NO HEALTH HAZARDS. OPERATIONS WHICH RESULT IN GENERATION OF METAL FUME MAY CAUSE "METAL FUME FEVER," SYMPTOMS OF WHICH INCLUDE CHILLS AND FEVER WHICH OCCUR SEVERAL HOURS AFTER HEAVY EXPOSURE. SYMPTOMS DISSIPATE WITHIN A DAY OR TWO. CHRONIC: STAINLESS STEEL PRESENTS NO HEALTH (EFTS OF OVEREXP)

**CARCINOGENICITY NTP:** YES

**CARCINOGENICITY IARC:** YES

**CARCINOGENICITY OSHA:** NO

**EXPLANATION CARCINOGENICITY:** NICKEL: IARC MONOGRAPHS, VOL 49, PG 257, 1990:GROUP 2B. NTP 7TH ANNUAL REPORT ON CARCINS: 1994:ANTIC TO BE CARCIN.

**SIGNS SYMPTOMS OF OVEREXP:** HLTH HAZ: HAZARDS. CHROMIUM FUMES ARE SUSPECT CARCINOGEN AND CHROMIUM AND NICKEL FUMES CAN CAUSE SENSITIZATION (ALLERGIC REACTION). IRON OXIDES CAN CAUSE A BENIGN LUNG CONDITION (SIDEROSIS).

**MED COND AGGRAVATED BY EXP:** NONE SPECIFIED BY MANUFACTURER.

**EMERGENCY FIRST AID PROC:** EYES: IMMED FLUSH EYES W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN WHILE HOLDING EYELIDS OPEN. SKIN: FOR DUST AND POWDER FORMS, WASH AFFECTED AREA W/SOAP AND WATER. GET MEDICAL HELP IF IRRITATION OR RASH DEVELOPS. INHAL: IF EXPOSED TO WELDING FUME, DUST OR POWDER, MOVE VICTIM TO FRESH AIR AND TREAT SYMPTOMATICALLY. INGEST: CONTACT LOCAL POISON CONTROL CENTER OR MD. INGEST IS NOT NORMALLY EXPECTED.

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#### Precautions for Safe Handling and Use

**STEPS IF MATL RELEASED SPILL:** STAINLESS STEEL CHIPS OR PLATES CAN BE SWEEPED AND COLLECTED FOR RECYCLE. FOR DUST AND POWDERED FORMS, CLEAN UP USING VACUUM SYSTEM TO REDUCE GENERATION OF DUST.

**NEUTRALIZING AGENT:** NONE SPECIFIED BY MANUFACTURER.

**WASTE DISPOSAL METHOD:** COLLECT FOR RECYCLE OR SALE AS SCRAP STEEL. FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

**PRECAUTIONS HANDLING STORING:** NONE SPECIFIED BY MANUFACTURER.

**OTHER PRECAUTIONS:** THIS MATL PRESENTS NO HEALTH HAZS UNLESS IT IS WELDED, BURNED, GROUND OR CUT. DURING THESE OR SIMILAR PROCS, IT IS POSSIBLE THAT FUMES, DUST OR POWDER MAY BE GENERATED. EACH PROCESS OR OPERATION SHOULD BE EVALUATED TO DETERM HAZ POTENTIAL.

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#### Control Measures

**RESPIRATORY PROTECTION:** IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVEREXPOSURE, WEAR NIOSH APPROVED RESPIRATOR FOR DUST AND FUMES.

**VENTILATION:** LOC EXHST MAY BE NEC UNDER SOME HNDLG/USE CNDTNS SUCH AS WELDING OR PROCESSING OF DUST & POWDERED FORMS OF THIS PROD.

**PROTECTIVE GLOVES:** IMPERVIOUS GLOVES (FP N).

**EYE PROTECTION:** ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

**OTHER PROTECTIVE EQUIPMENT:** ANSI APPROVED EYE WASH & DELUGE SHOWER (FP N).

**WORK HYGIENIC PRACTICES:** NONE SPECIFIED BY MANUFACTURER.

**SUPPL SAFETY HEALTH DATA:** EXPLO HAZ: ONLY DUST AND POWDER ARE SUBJECT TO OXIDATION & FIRE.

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#### Transportation Data

**TRANSPORTATION ACTION CODE:**  
**TRANSPORTATION FOCAL POINT:**  
**TRANS DATA REVIEW DATE:**  
**DOT PSN CODE:**  
**DOT SYMBOL:**  
**DOT PROPER SHIPPING NAME:**  
**DOT CLASS:**  
**DOT ID NUMBER:**  
**DOT PACK GROUP:**  
**DOT LABEL:**  
**DOT DOD EXEMPTION NUMBER:**  
**IMO PSN CODE:**  
**IMO PROPER SHIPPING NAME:**  
**IMO REG PAGE NUMBER:**  
**IMO UN NUMBER:**  
**IMO UN CLASS:**  
**IMO SUBSID RISK LABEL:**  
**IATA PSN CODE:**  
**IATA UN ID NUMBER:**  
**IATA PROPER SHIP NAME:**  
**IATA UN CLASS:**  
**IATA SUBSID RISK CLASS:**  
**IATA LABEL:**  
**AFI PSN CODE:**  
**AFI SYMBOLS:**  
**AFI PROP SHIPPING NAME:**  
**AFI CLASS:**  
**AFI ID NUMBER:**  
**AFI PACK GROUP:**  
**AFI LABEL:**  
**AFI SPECIAL PROV:**  
**AFI BASIC PAC REF:**  
**MMAC CODE:**  
**N O S SHIPPING NAME:**  
**ADDITIONAL TRANS DATA:**

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**Disposal Data**

**DISPOSAL DATA ACTION CODE:**  
**DISPOSAL DATA FOCAL POINT:**  
**DISPOSAL DATA REVIEW DATE:**  
**RECNUM FOR THIS DISP ENTR:**  
**TOT DISP ENTRIES PER NSN:**  
**LANDFILL BAN ITEM:**  
**DISPOSAL SUPPLEMENTAL DAT:**  
**EPAHAZWST 1ST CODE NEW:**  
**EPAHAZWST 1ST NAME NEW:**  
**EPAHAZWST 1ST CHAR NEW:**  
**EPAACUTEHAZARD 1ST NEW:**  
**EPAHAZWST 2ND CODE NEW:**  
**EPAHAZWST 2ND NAME NEW:**  
**EPAHAZWST 2ND CHAR NEW:**  
**EPAACUTEHAZARD 2ND NEW:**

**EPAHAZWST 3RD CODE NEW:**  
**EPAHAZWST 3RD NAME NEW:**  
**EPAHAZWST 3RD CHAR NEW:**  
**EPAACUTE 3RD HAZARD NEW:**

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**Label Data**

**LABEL REQUIRED:** YES  
**TECHNICAL REVIEW DATE:** 17FEB98  
**LABEL DATE:** 12FEB98  
**MFR NUMBER:**  
**LABEL STATUS:** M  
**COMMON NAME:** STAINLESS STEEL, STRIP  
**CHRONIC HAZARD:** YES  
**SIGNAL WORD:** CAUTION!  
**ACUTE HEALTH HAZARD NONE:**  
**ACUTE HEALTH HAZARD SLIGHT:** X  
**ACUTE HEALTH HAZARD MODERATE:**  
**ACUTE HEALTH HAZARD SEVERE:**  
**CONTACT HAZARD NONE:**  
**CONTACT HAZARD SLIGHT:** X  
**CONTACT HAZARD MODERATE:**  
**CONTACT HAZARD SEVERE:**  
**FIRE HAZARD NONE:**  
**FIRE HAZARD SLIGHT:** X  
**FIRE HAZARD MODERATE:**  
**FIRE HAZARD SEVERE:**  
**REACTIVITY HAZARD NONE:** X  
**REACTIVITY HAZARD SLIGHT:**  
**REACTIVITY HAZARD MODERATE:**  
**REACTIVITY HAZARD SEVERE:**  
**SPECIAL HAZARD PRECAUTIONS:** ACUTE: OPERATIONS WHICH RESULT IN GENERATION OF METAL FUME MAY CAUSE "METAL FUME FEVER;" SYMPTOMS INCLUDE CHILLS AND FEVER WHICH OCCUR SEVERAL HOURS AFTER HEAVY EXPOSURE. SYMPTOMS DISSIPATE WITHIN A DAY OR TWO. CHRONIC: CANCER HAZARD. CONTAINS NICKEL WHICH IS LISTED AS AN ANIMAL LUNG CARCINOGEN (FP N). SENSITIZATION. SIDEROSIS.  
**PROTECT EYE:** Y  
**PROTECT SKIN:** Y  
**PROTECT RESPIRATORY:** Y  
**LABEL NAME:** GRABBER CONSTRUCTION PRODUCTS  
**LABEL STREET:** 205 MASON CIRCLE  
**LABEL P O BOX:**  
**LABEL CITY:** CONCORD  
**LABEL STATE:** CA  
**LABEL ZIP CODE:** 94520  
**LABEL COUNTRY:** US  
**LABEL EMERGENCY NUMBER:** 925-680-0777  
**YEAR PROCURED:**

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