

MINCO PIPE, INC.

MATERIAL SAFETY DATA SHEET

Issued By:

MINCO SAFETY DEPARTMENT
3400 W. Marshall Ave.
Suite #428
Longview, TX. 75604

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Approved By: _____
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SECTION I-MATERIAL IDENTIFICATION

PRODUCT NAME OR NUMBER (AS IT APPEARS ON LABEL):

Minco Pipe Burning Bars and Lance Pipe

(310-xxxxx)

MANUFACTURER'S NAME

Minco Pipe, Inc.

EMERGENCY PHONE NUMBER

(903-759-2711)

ADDRESS (Number, Street, City, State, and Zip Code)

3400 W. Marshall Ave.

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD NO. (49CFR 172.101)

ADDITIONAL HAZARD CLASSES (As applicable)

N/A

CHEMICAL FAMILY

Inorganic Chemical

FORMULA

N/A

SECTION II-INGREDIENTS

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PEL(mg/m3)</u>	<u>TLV(mg/m3)</u>	<u>%W</u>
7439-89-6	Iron	None Established	5mg/cu	97-99.5
7440-44-0	Carbon	15mg/cu.m		10mg/cu.m
7440-21-3	Silicon	15mg/cu.m	10mg/cu	-.06-.14
7439-96-5	Manganese	C5 mg/cu.m (as dust)	C5mg/cu (as dust)	1.8-4.0 <1.2
7440-02-0	Nickel		1mg/cu.m	0.01-1.5
7440-47-3	Chromium	.1mg/cu.m	.5mg/cu.m	1mg/cu.m
	Chromium (Hexavalent)	None Established	.5mg/cu	0.02-1.13
7439-98-7	Molybdenum	5mg/cu.m	10mg/cu	0.01-0.75
7704-34-0	Sulfur (dioxide)	5 p.p.m	None Established	0.02
7723-14-0	Phosphorus	.1mg/cu.m	.1mg/cu	<0.05

SECTION III – PHYSICAL HAZARDS (REACTIVITY DATE)

1309-38-2	Iron Oxide	5mg/cu.m	10mg/cu.m
124-30-9	Carbon Dioxide	5000 p.p.m.	5000 p.p.m
630-08-0	Carbon Monoxide	50 p.p.m	59 p.p.m

SECTION IV-PHYSICAL DATA

BOILING POINT- N/A SPECIFIC GRAVITY (H2O=1) <1
VAPOR PRESSURE N/A
PERCENT VOLATILE BY VOLUME (%) 0
PERCENT SOLID BY WEIGHT (%) 100
VAPOR DENSITY (AIR=1) N/A
EVAPORATION RATE (=1) N/A
SOLUBILITY IN WATER pH= N/A
APPEARANCE AND ODOR _____
MATERIAL IS: Solid

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT None METHOD USED N/A
FLAMMABLE UNITS None LEL N/A UEL N/A
EXTINGUISHING MEDIA- Use Carbon Dioxide, Water, or Foam
SPECIAL FIRE FIGHTING PROCEDURES If entering a confined area, fire fighters should wear a NIOSH approved, Self Contained Breathing Apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS None

SECTION V-HEALTH HAZARD DATA

The ACGIH recommended TLV for cutting fume NOC (Not otherwise classified) is mg/cu.m. See reactivity data for specific fume constituents which may modify PEL/TLV.

Acute over Exposure---to cutting fumes may result in discomfort such as nausea, dryness or irritation of nose, throat or eyes. In confine area, may cause unconsciousness and death.

Chronic over exposure---to cutting fumes may lead to siderosis and may reduce pulmonary function.

Emergency/ First aid Procedures---Provide oxygen if breathing is labor, give artificial respiration and get medical help. Treat skin areas exposure burns. Obtain medical aid for all overexposures and eye injuries

SECTION VII-SPILL OR LEAK PROCEDURES

WASTE DISPOSAL METHOD Landfill in accordance with local, state, and federal regulations.

RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) None

VOLATILE ORGANIC COMPOUND (VOC) (AS PACKAGED MINUS WATER) None

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) Respirator if welding

VENTILATION

LOCAL EXHAUST (specify rate)

SPECIAL

Normal ventilation is adequate

MECHANICAL (GENERAL) (specify rate)

OTHER

None Required-normal ventilation adequate

PROTECTIVE GLOVES (SPECIFY RATE) _____ Use heat resistant gloves during use

EYE PROTECTION (SPECIFY RATE) (SAFETY GLASSES ARE RECOMMENDED)

Safety Glasses are recommended

OTHER PROTECTIVE EQUIPMENT _____ Protective clothing

SECTION IX-SPECIAL PRECAUTIONS

OTHER PRECAUTIONS _____ Air Sampling measures

The above information was extracted from Material Safety Data Sheets from our raw material suppliers and is believed to be correct as of the date hereof.

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