STEEL HAND TOOLS

MATERIAL SAFETY DATA SHEET Page 1 of 4

- 그 그 앱 집 것 귀 해 주 분 환 휴 관 관 가 고 고 는 도 날 등 고 드 북 곱	ઌૹૡૻઌૢૢૢૹ૱૱૱ૡઌ૽ૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻ૽ૡૻૻઌૻૻૻ૽ૻ૽ ઌૹૡઌૹૡઌૡઌઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻઌૻૻ૽ૻૻ૽ૻૻૻૻૻૻ	YESES# #################################		
Manufacturers Name and Addre	88:	Date of Preparation:		
Baltimore Tool Works, Inc. 1110 Race Street Baltimore, Maryland 21230		May 21, 1986		
ㅋㅋㅋㅋ대표변호생활전한다	쨆뀰르왕고 @ 쑥프 # 연령법전ڲ第영령친구림자로 뒤고	농남로 글로운 드렸 지독자 곳 구 일 일 열 열 날 는 남 ਏ 로 드 가 와 옷 전 지 거 유 위 관 이 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 나 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 가 가 다 다 가 가 다 다 가 가 다 다 가 가 다 다 가 가 다 다 가 다 다 가 다 다 가 다 다 다 가 다 다 다 가 가 다 다 다 다 가 다 다 다 가 다		
Name and Title of Contact Pe	rson: <u>Telephone No.</u> :	Emergency Telephone No.:		
H.D. McCarty, President	301-752-5297	301-752-5297		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	# 존 바란 돈 그 구 가 다 다 다 도 보 금 종 주 옷 의 것 유 가 구 구 가 고 나	프로퍼슈크에부로드웨디업디슈드슈트램보생부드와드로드부드로드프		
Product Name:	Chemical Names:	Trade Names:		
Hand Tools	AISI-C1095 Steel Bars	BALTIMORE		
⋍ᆠ岩쫕큑킠झ쿝흤혂춱긎ᇊӤ <b>푀</b> ᅏ┏첌홛맖븠큮휶作ᇎấ뽖病;	ᄨᅕ <i>ᇊᅗᆓᆂᄘᆓᆍᆂᆂ</i> ᆂᅸᅸᅶᄮᅆᄻᄰᅸᇤᇤᅙᇊᅙᅒᅆᆂᇤᇏ	쒈쁳싦횴텪츢쎫游⋍ૠ쓰⋍놖౽넿뛷뛷쓍뜈뒣툍룓뿓듞핝큟梢드┍드쿅뎍┲ ·		
Chemical Composition:	Health Huzar	OSHA ACGIH d or Permissible Threshold		

Component	CAS_#	Z Weight	Nuisance Products (Fume Components)	Exposure Limits For Fumes	Limit Value
Iron	1309-37-1	9 <b>7-99</b> ·	Iron Oxide Fume	10 mg/m ³	5 mg/m ³
Carbon	7440-44-0	.96	None Listed	-	
Manganese	7439-96-5	,40	Managanese	5 mg/m ³	1 mg/m ³
Phosphorus (Maximum)	7723-14-0	.012	Phosphorus (Yellow)	0.1 mg/m ³	0.1 mg/m ³
Sulfur (Maximum)	7704-34-9	.029	Sulfur Dioxide	5 ppm	2 ppm
Silicon	774 <b>0-2</b> 1-3	.20	Silicon	· 	5 mg/m ³

# Coating

None

Note: At room temperature, this product does not pose a health hazard. However, welding, cutting, grinding, sawing or burning may generate the health hazards or nuisences listed above.

동국학교학도 비난 중 가진도 김 것은 귀 것은 귀 .

#### MATERIAL SAFETY DATA SREET Page 2 of 4

·ㅈ규정수도중5.5귀하는CC☆규족규동분간CC분과부분 >>>

## Chemical and Physical Properties

Physical State: Solid

Appearance:		Black coated)
Odor:	None	
Boiling Point:	N/A	
Melting Point:	N/A	
Vapor Pressure:	N/A	
Vapor Density:	N/A	
Evaporation Rate:	N/A	
Solubility in		
Water:	N/A	
ph:	N/A	

## Personal Protective Equipment/Measures

Respiratory Equipment: Any NIOSH approved dust/mist/fume should be used if OSHA PEL is exceeded, and is recommended when this product is being heated. Respirators are considered insufficient protection against carbon monoxide fumes.

Protective Clothing: Gloves: Eye Protection: Ventilation Requirements

Varies according to use. Refer to local, state and federal codes for selection. Required for welding, brazing, cuttin or other heating operations. As per welding requirements.

쏺**қ양박물문원주목**보유도 고양노값설업**의 등 지않**아서 논의금 속도로 주문을 귀하는 소드

#### Fire and Explosion Hazard Data

Ignition Temperature: N/A Flash Point N/A Upper Explosive Limit: N/A Lower Explosive Limit: N/A Extinguishing Media: N/A Special Fire Fighting Procedures: N/A

#### Reactivity Data

-------

Other:

Stability: Incompatabilities: Hazardous Polymerization: Decomposition Products: Stable None Does not occur Iron oxide, manganese, phosphorus (yellow), sulfur dioxide, silicon

Route of Exposure:

Inhalation

슻슻쓻슻곗

Effects of Overexposure: - (Acute and chronic)

- Iron (Iron Oxide) Metallic taste, irritation of eyes, nose and throat, metal fume fever, pulmonary effects, siderosis.
- <u>Manganese</u> Metal fume fever, dry throat, tight chest, coughing, loss of strength, insomnia, shortness of breath, low back pain, vomiting, fatique, bronchitis, pheumonitis, loss of coordination, Parkinson's disease.
- Phosphorus (Yellow) Eye and respiratory irritation, abdominal pain, nauses, jaundice, dental pain, jaw pain, salivation, eye and skin burns, anemia, physical wasting.
- Sulfur (Sulfur Dioxide) Irritation to eyes, nose and throat, runny nose, bronchial constriction, eye and skin burns.

Silicon - Coughing.

Carcinogenicity: None Known

First Aid:

Move victim to fresh air, wash eyes, apply artificial respiration, and seek a physician's help, as required.

_____

حمهمور و یوی بین میشور بروی جمع با با محمد به محمد با	iCZB휘당Üニ모드브일워쪽单드슬프ૂㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋㅋ
Spill and Leak Response:	Precautions For Safe Handling and Use:

Clean Up: Disposal:	N/A Recycle as scrap metal (nonhazardous under RCRA as sold)	Welding, Cutting, etc.:	This operation should be performed in areas with adequate venti- lation and appropriate respiratory protection.
		Handling & Storage:	N/A
		Other Precautions:	N/A

Adequate ventilation and/or respiratory protection should be provided if exposure limits in chemical composition section are exceeded.

电动力 医无反性 医化子氏体 医生成 医生成 医生成 医生成 医生物

Use good housekeeping practices to prevent accumulations of dust and to keep airborne dust concertrations to a minimum.

All information, recommendations, and suggestions contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made by Baltimore Tool Works, Inc. with respect to the information provided.

Employers should use this information only as a supplement to other information gathered by them. Since the actual use of this product is beyond our control, and it is each employer's responsibility to assure the safety and health of their employees, Baltimore Tool Works, Inc. will not assume liability arising out of the use of this product by others.

This data sheet is provided by Baltimore Tool Works, Inc. to inform users of hazards associated with this product, so that appropriate protective measures may be taken. The data herein is based primarily upon information provided by the suppliers of the raw material and chemicals used in the manufacture of this product and the NIOSH/OSHA Pocket Guide to Chemical Hazards. The product data protective measures indicated are not necessarily the sum total of all protective measures or data. Baltimore Tool Works, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers or NIOSH/OSHA and disclaims all liability or reliance thereof.