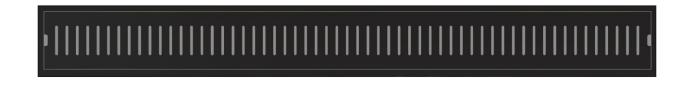
# MATERIAL DATA SAFETY SHEET

(BAR)



## PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

**SECTION 1.** 

SECTION 2.

# Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. **MATERIAL USED** 

Stainless Steel - Grade 316

### MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

7440-44-0

7440-47-3

7439-89-6

7439-96-5

7723-14-0

7440-21-3

7704-34-9

0.022

16.77

67.91

1.761

0.039

0.359

0.0055

potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

Steel production sheet, coil do not pose a significant health hazardous. However when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation

Not anticipated under normal circumstances. As such this material is not expected

Chronic exposure to high concentrations of manganese fumes and dusts may

on its oxidation state. The metal form (chromium as it exists in this product) is of

compounds have been reported to cause cancer of the lungs and sinuses. Elementary silicon is an inert material which appears to lack the property of

causing fibrosis in lung tissue. However, slight pulmonary lesions have been

Based on animal experiments, molybdenum and its compounds are highly toxic. Some evidence of liver dysfunction with hyperbilirubinemia have been reported in

and wash contaminated clothing if rash or irritation persists, seek medical attention.

If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

increase the incidence of bronchitis pneumonia and lung damage and may

COMPOSITION / INFORMATION ON INGREDIENTS

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Chemical Composition CAS No. % Weight

■ Nickel	7440-02-0	10.24		
■ Molybdenu	<i>7</i> 439-98-7	2.074		
Aluminiur	n 7429-90-5	0.013		
■ Cobalt	7440-48-4	0.21		
■ copper	7440-50-8	0.403		
■ Niobium	7440-03-1	0.019		
■ Titanium	7440-32-6	0.0060		
■ Vanadiur	n 7440-62-2	0.069		
<b>■</b> Tungster	7440-33-7	0.014		
<b>■</b> Tin	7440-31-5	0.012		
■ Arsenic	7440-38-2	0.0075		
■ Nitrogen	7727-37-9	0.066		
SECTION 3. HAZARDS IDENTIFICATION				
EMERGENCY OVERVIEW : Welding, brazing, cutting, grinding and machining of this material may liberate				

Not Applicable

#### PRIMARY ROUTE OF EXPOSURE Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting. **ROUTE OF EXPOSURE** Eye, Skin contact or Inhalation

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

**FLAMMABILITY** 

INHALATION

**INGESTION** 

**MANGANESE** 

SILICON

**MOLYBDENUM** 

INHALATION

**SUITABLE** 

EYE CONTACT

SKIN CONTACT

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE Chronic inhalation of high concentrations of metallic fumes and dusts are

associated with the following conditions. **IRON OXIDE** 

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may results in development of a benign pneumoconiosis, called siderosis, which is observable as an x-ray change.

to be acutely toxic via ingestion.

Molten material may cause thermal burns.

& appropriate protective equipment for workers.

Dust or particles may cause mechanical irritation.

Fumes & dust may be irritating to respiratory system.

Dust or particles may cause irritation due to abrasion.

adversely affect the central nervous system with symptoms resembling

Parkinson's disease. The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM** 

NICKEL Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its

very low toxicity. The hexavalent form is very toxic.

reported in Laboratory animals from intratracheal ingestion of silicon dust. Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the TLV. Silicon may cause chronic respiratory e ffects.

**EYES** If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention. SKIN If dust gets on skin wash contaminated area with mild soap and water. Remove

: No special fire or explosion hazard. Promptly isolate the scene by removing all SPECIAL EXPOSURE HAZARDS persons. Vicinity of the incident if there is a fire.

SPECIAL PROTECTIVE Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece operated in positive pressure mode.

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SECTION 8.

EYE PROTECTION

HYGIENE MEASURES

TECHNICAL MEASURES

DENSITY (G/CM3)

HARDNESS (HV5)

SECTION 13.

METHODS OF DISPOSAL

SUBSTANCES (EHSS):

**FINISH** 

PACKAGING MATERIAL RECOMMENDED

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** SECTION 7.

Store in a dry place.

Use original container.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

Providing good ventilation and/or local exhaust systems are used.

NIOSH / MSHA approved dust/mist/fume respirators should be used during

Safety glasses should always be worn when grinding or cutting. Face shields

Wash all exposed skin and face thoroughly after handling products before eating,

ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

smoking or using the lavatory and at the end of the working period.

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

### welding, burning and grinding operations, if applicable exposure limits are exceeded.

SKIN PROTECTION Skin covering working clothes, wear dust proof overalls if large quantity of

**PHYSICAL & CHEMICAL PROPERTIES** SECTION 9.

STABILITY The product is stable. POSSIBILITY OF HAZARDOUS Under normal conditions of storage and use, hazardous reactions will Not Occur. **REACTIONS** SECTION 11. TOXICOLOGICAL INFORMATION

properly handled.

# The product is practically insoluble in water. In views of its consistency and

**DISPOSAL CONSIDERATIONS** 

Dispose of in accordance with federal, provincial, state Or local regulations.

Material is not listed as a hazardous substance for any mode of transportation.

Steel scrap should be recycled wherever possible

insolubility in water, no ecological Problems are to be expected if the product is

### SECTION 15. **REGULATORY INFORMATION**

SARA TITLE III HAZARD Product (Dust and Fume) is categorized as an immediate (acute) health hazard **CATEGORIZATION** 

SARA TITLE III SECTION 302 No components are listed as extremely hazardous substances EXTREMELY HAZARDOUS

OTHER INFORMATION SECTION 16. The information provided herein is Compiled by Sakshi to be accurate from sources believed to be reliable, but it is the responsibility of the user investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability

### workmen chronically exposed . In addition signs of gout have been found in factory workers . The main features were joint pains in the knees, hands, feet, articular deformities, erythema, and edema of the joint areas. FIRST AIDS MEASURES **SECTION 4.**

#### INGESTION If significant amounts of metal are ingested, seek medical attention. FIRE FIGHTING MEASURES SECTION 5. EXTINGUISHER MEDIA : In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>.

HAZARDOUS COMBUSTION Not applicable for solid form alloy. Toxic metal and metallic Oxide. **PRODUCTS** Fumes may be evolved from fires involving finely divided alloy Fire Fighters should wear appropriate protective equipment and Equipment of

Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis. If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn

Minimal problems with spills of this product would be expected to occur because of its solid form.

should be worn when welding or burning.

**ENVIRONMENTAL EXPOSURE CONTROLS** 

Solid PHYSICAL STATE MELTING TEMPERATURE 1400-1450 °C

7.750

Black Matt

220

SECTION 10. **REACTIVITY AND STABILITY** 

According to our experience and information the product has no harmful effects on health if properly handled. **ECHOLOGICAL INFORMATION SECTION 12.** 

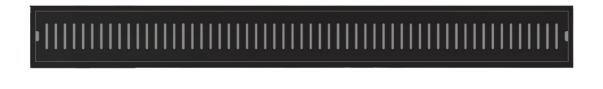
GENERAL INFORMATION TRANSPORT INFORMATION SECTION 14.

and a delayed (chronic) Health hazard is defined by 40 CFR 370.

of the product for its intended use. Sakshi makes no warranty, express or implied, concerning the product or the

merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided.

## MATERIAL SAFETY DATA SHEET (BAR)



### PRODUCT DESCRIPTION

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

IRON OXIDE

MANGANESE

SECTION 4.

EYES

SKIN

INGESTION

**SUITABLE** 

SECTION 5.

**EXTINGUISHER MEDIA** 

SPECIAL PROTECTIVE

SECTION 7.

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

**SECTION 10.** 

SECTION 12.

SECTION 15.

SARA TITLE III SECTION 302

SECTION 16.

STABILITY

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

SPECIAL EXPOSURE HAZARDS

PRIMARY ROUTE OF EXPOSURE

SECTION 1. MATERIAL IDENTIFICATION

## Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces. **MATERIAL USED** 

Stainless Steel - Grade 304

## MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

# Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

**COMPOSITION / INFORMATION ON INGREDIENTS** 

CAS No.

7440-21-3

% Weight

0.065

0.330

#### **Chemical Composition** Carbon 7440-44-0 Silicon

Manganese	<i>7</i> 439-96-5	1.030		
Phosphorus	7723-14-0	0.041		
■ Sulphur	7704-34-9	0.006		
Chromium	7440-47-3	18.250		
■ Molybdenum	7439-98-7	0.240		
Nickel	7440-02-0	8.240		
Aluminium	7429-90-5	0.0034		
Cobalt	7440-48-4	0.220		
Copper	7440-50-8	0.360		
Niobium	7440-03-1	0.0079		
<b>■</b> Titanium	7440-32-6	0.004		
■ Venadium	7440-62-2	0.006		
■ Tungsten	7440-33-7	0.021		
<b>■</b> Tin	7440-31-5	0.008		
Arsenic	7440-38-2	0.003		
Boron	7440-42-8	0.0007		
■ Nitrogen	7727-37-9	0.024		
■ Iron	7439-89-6	71.140		
HAZARDS IDENTIFICATION				

#### **FLAMMABILITY** Not Applicable

when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation & appropriate protective equipment for workers.

INHALATION Fumes & dust may be irritating to respiratory system. EYE CONTACT Dust or particles may cause mechanical irritation. SKIN CONTACT Dust or particles may cause irritation due to abrasion. INGESTION Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion.

associated with the following conditions.

Molten material may cause thermal burns.

Eye, Skin contact or Inhalation

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

Chronic exposure to high concentrations of manganese fumes and dusts may increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling

dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its

Chronic inhalation of high concentrations of metallic fumes and dusts are

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may results in development of a benign pneumoconiosis, called siderosis, which is

Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting.

Steel production sheet, coil do not pose a significant health hazardous. However

The alleged health hazards associated with exposure to chromium are dependent **CHROMIUM** on its oxidation state. The metal form (chromium as it exists in this product) is of very low toxicity. The hexavalent form is very toxic. **NICKEL** Nickel is a common contact allergen & causes some sensitization, allergic contact

Parkinson's disease.

observable as an x-ray change.

compounds have been reported to cause cancer of the lungs and sinuses. Elementary silicon is an inert material which appears to lack the property of SILICON causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust. Silicon dust has little adverse effect on lungs and does not appear to produce

TLV. Silicon may cause chronic respiratory effects.

FIRST AIDS MEASURES If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention. If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention.

significant organic disease or toxic effects when exposures are kept under the

#### INHALATION If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

FIRE FIGHTING MEASURES

If significant amounts of metal are ingested, seek medical attention.

In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co<sup>2</sup>.

No special fire or explosion hazard. Promptly isolate the scene by removing all

Fire Fighters should wear appropriate protective equipment and Equipment of Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

Providing good ventilation and/or local exhaust systems are used.

welding, burning and grinding operations, if applicable exposure

Skin covering working clothes, wear dust proof overalls if large quantity of

smoking or using the lavatory and at the end of the working period.

equipment will be necessary to reduce emissions to acceptable levels.

Wash all exposed skin and face thoroughly after handling products before eating,

Under normal conditions of storage and use, hazardous reactions will Not Occur.

The product is practically insoluble in water. In views of its consistency and insolubility in water, no ecological Problems are to be expected if the product is

HAZARDOUS COMBUSTION Not applicable for solid form alloy. Toxic metal and metallic Oxide. **PRODUCTS** Fumes may be evolved from fires involving finely divided alloy

operated in positive pressure mode.

Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis. If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn

persons. Vicinity of the incident if there is a fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES Minimal problems with spills of this product would be expected to occur because of its solid form.

#### STORAGE REQUIREMENTS Store in a dry place. PACKAGING MATERIAL RECOMMENDED Use original container.

**HANDELING & STORAGE** 

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** SECTION 8. RESPIRATORY PROTECTION NIOSH / MSHA approved dust/mist/fume respirators should be used during

limits are exceeded.

dust is generated.

#### EYE PROTECTION Safety glasses should always be worn when grinding or cutting. Face shields should be worn when welding or burning.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from ventilation or work process equipment should be checked to TECHNICAL MEASURES ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

DENSITY (G/CM3) 7.750 HARDNESS (HV5) 220 **FINISH** Black Powder Coated

The product is stable.

properly handled.

# **REACTIONS**

**REACTIVITY AND STABILITY** 

**ECHOLOGICAL INFORMATION** 

**PHYSICAL & CHEMICAL PROPERTIES** 

Solid

1400-1450 °C

According to our experience and information the product has no harmful effects on health if properly handled.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

METHODS OF DISPOSAL Steel scrap should be recycled wherever possible GENERAL INFORMATION Dispose of in accordance with federal, provincial, state Or local regulations.

#### **SECTION 14.** TRANSPORT INFORMATION Material is not listed as a hazardous substance for any mode of transportation.

**REGULATORY INFORMATION** Product (Dust and Fume) is categorized as an immediate (acute) health hazard

No components are listed as extremely hazardous substances

### SARA TITLE III HAZARD CATEGORIZATION and a delayed (chronic) Health hazard is defined by 40 CFR 370.

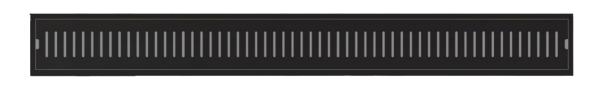
OTHER INFORMATION

EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

The information provided herein is Compiled by Sakshi to be accurate from sources believed to be reliable, but it is the responsibility of the user investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use. Sakshi makes no warranty, express or implied, concerning the product or the merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided.

# MATERIAL SAFETY DATA SHEET

(BAR)



### PRODUCT DESCRIPTION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

SKIN CONTACT

INGESTION

IRON OXIDE

MANGANESE

SILICON

**SECTION 4.** 

SECTION 5.

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

SECTION 7.

EYE PROTECTION

SKIN PROTECTION

TECHNICAL MEASURES

PHYSICAL STATE

HARDNESS (HV5)

**FINISH** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

**SECTION 14.** 

SECTION 15.

EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

SECTION 16.

METHODS OF DISPOSAL

MELTING TEMPERATURE DENSITY (G/CM3)

POSSIBILITY OF HAZARDOUS

ENVIRONMENTAL EXPOSURE CONTROLS

HANDLING PRECAUTIONS

**EYES** 

SKIN

MATERIAL IDENTIFICATION

## Our Grating and frame are functional, attractive and economical solution to exterior and interior drainage problem provides

a dynamic and contemporary appearance to complement today's architectural spaces.

MATERIAL USED

Stainless Steel - Grade 430

### MANUFACTURER'S NAME

SAKSHI INNOVATIONS PRIVATE LIMITED

## Gurudwara Somasar Road, P.O. Sahnewal, Village TIBBA, Distt. LUDHIANA-141 120 (INDIA)

COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.

% Weight

0.072

16.33

# ■ Carbon 7440-44-0 ■ Chromium 7440-47-3

Chemical Composition

Iron	7439-89-6	82.21
Manganese	<i>7</i> 439-96-5	0.616
Phosphorus	7723-14-0	0.033
Silicon	7440-21-3	0.315
Sulphur	7704-34-9	0.0066
■ Nickel	7440-02-0	0.171
Molybdenum	7439-98-7	0.020
Aluminium	<i>7</i> 429-90-5	0.036
Cobalt	7440-48-4	0.031
Copper	7440-50-8	0.082
Niobium	7440-03-1	0.0069
<b>■</b> Titanium	7440-32-6	0.0039
■ Vanadium	7440-62-2	0.031
<b>■</b> Tin	7440-31-5	0.0055
Arsenic	7440-38-2	0.0021
■ Nitrogen	7727-37-9	0.028

Molten material may cause thermal burns.

Eye, Skin contact or Inhalation

# FLAMMABILITY : Not Applicable PRIMARY ROUTE OF EXPOSURE : Inhalation of fumes from Welding or Burning, Dust from Grinding or Cutting.

HAZARDS IDENTIFICATION

when subjected to Welding, Burning, Sawing, Brazing & grinding etc. Potentially hazardous fumes or dust may be generated. Needs adequate exhaust ventilation & appropriate protective equipment for workers.

INHALATION : Fumes & dust may be irritating to respiratory system.

EYE CONTACT : Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

Not anticipated under normal circumstances. As such this material is not expected to be acutely toxic via ingestion.

Chronic inhalation of excessive concentrations of iron oxide fumes or dust may

Chronic inhalation of high concentrations of metallic fumes and dusts are

Welding, brazing, cutting, grinding and machining of this material may liberate potentially hazardous fumes & dust. This dust or fumes may be harmful if inhaled.

Steel production sheet, coil do not pose a significant health hazardous. However

results in development of a benign pneumoconiosis, called siderosis, which is

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

: Chronic exposure to high concentrations of manganese fumes and dusts may increase the incidence of bronchitis pneumonia and lung damage and may adversely affect the central nervous system with symptoms resembling

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory effects.

associated with the following conditions.

Parkinson's disease.

CHROMIUM: The alleged health hazards associated with exposure to chromium are dependent on its oxidation state. The metal form (chromium as it exists in this product) is of

observable as an x-ray change.

NICKEL : Nickel is a common contact allergen & causes some sensitization, allergic contact dermatitis (ACD). Fumes are respiratory irritants and may cause respiratory disease, skin contact can also cause an allergic skin rash, nickel and its

causing fibrosis in lung tissue. However, slight pulmonary lesions have been reported in Laboratory animals from intratracheal ingestion of silicon dust.

Silicon dust has little adverse effect on lungs and does not appear to produce significant organic disease or toxic effects when exposures are kept under the

If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.
If dust gets on skin wash contaminated area with mild soap and water. Remove and wash contaminated clothing if rash or irritation persists, seek medical attention.

certified individuals should perform CPR. Keep affected person warm and at rest.

No special fire or explosion hazard. Promptly isolate the scene by removing all

Fire Fighters should wear appropriate protective equipment and Equipment of Fire Fighters self-contained breathing apparatus (SCBA) with afull face-piece

Providing good ventilation and/or local exhaust systems are used.

Safety glasses should always be worn when grinding or cutting. Face shields

Skin covering working clothes, wear dust proof overalls if large quantity of

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process

compounds have been reported to cause cancer of the lungs and sinuses.

Elementary silicon is an inert material which appears to lack the property of

# INHALATION : If inhalation of dust / fumes occurs, immediately remove victim from the adverse environment to fresh air and seek medical attention. If breathing has stopped,

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

INGESTION : If significant amounts of metal are ingested, seek medical attention.

EXTINGUISHER MEDIA : In case of fire, use water spray (Fog), foam, dry chemical extinguisher or Co².

SUITABLE

operated in positive pressure mode.

If your process involves grinding or any other action that causes the release of dust or fumes, approved safety glasses or goggles should be worn

persons. Vicinity of the incident if there is a fire.

HAZARDOUS COMBUSTION : Not applicable for solid form alloy. Toxic metal and metallic Oxide.

PRODUCTS : Fumes may be evolved from fires involving finely divided alloy

Minimal problems with spills of this product would be expected to occur because of its solid form.

Protective Equipment: Gloves and barrier creams may be necessary to prevent skin sensitization and dermatitis.

# STORAGE REQUIREMENTS : Store in a dry place. PACKAGING MATERIAL RECOMMENDED : Use original container.

**HANDELING & STORAGE** 

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

RESPIRATORY PROTECTION : NIOSH / MSHA approved dust/mist/fume respirators should be used during welding, burning and grinding operations, if applicable exposure

should be worn when welding or burning.

limits are exceeded.

dust is generated.

# HYGIENE MEASURES : Wash all exposed skin and face thoroughly after handling products before eating, smoking or using the lavatory and at the end of the working period.

equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

SECTION 10. REACTIVITY AND STABILITY

The product is stable.

on health if properly handled.

Black Powder Coated

Solid

7.750

1425-1510 °C

# SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects

**ECHOLOGICAL INFORMATION** 

**DISPOSAL CONSIDERATIONS** 

The product is practically insoluble in water. In views of its consistency and insolubility in water, no ecological Problems are to be expected if the product is properly handled.

Under normal conditions of storage and use, hazardous reactions will Not Occur.

# GENERAL INFORMATION : Dispose of in accordance with federal, provincial, state Or local regulations.

TRANSPORT INFORMATION

Material is not listed as a hazardous substance for any mode of transportation.

Steel scrap should be recycled wherever possible

# SARA TITLE III HAZARD : Product (Dust and Fume) is categorized as an immediate (acute) health hazard

CATEGORIZATION and a delayed (chronic) Health hazard is defined by 40 CFR 370.

SARA TITLE III SECTION 302 : No components are listed as extremely hazardous substances

OTHER INFORMATION

REGULATORY INFORMATION

: No components are listed as extremely hazardous substances

The information provided herein is Compiled by Sakshi to be accurate from sources believed to be reliable, but it is the responsibility of the user investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use. Sakshi makes no warranty, express or implied, concerning the product or the

merchantability or fitness thereof for any purpose or concerning the accuracy of any information provided.