# MATERIAL SAFETY DATA SHEET

(CORE)



## PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

Carbon

Chromium

Iron

Manganese

**Phosphorus** 

Silicon

Sulphur

Nickel

Molybdenum

Aluminium

Cobalt

copper

Niobium

**Titanium** 

Vanadium

Tungsten

Tin

Arsenic

Nitrogen

HAZARDS IDENTIFICATION

**SECTION 1.** 

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

EYE CONTACT

SKIN CONTACT

INGESTION

**CHROMIUM** 

SECTION 4.

**EYES** 

SKIN

INHALATION

INGESTION

SECTION 5.

SPECIAL EXPOSURE HAZARDS

HAZARDOUS COMBUSTION

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

SKIN PROTECTION

HYGIENE MEASURES

SECTION 9.

PHYSICAL STATE

DENSITY (G/CM3)

SECTION 10.

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

METHODS OF DISPOSAL

GENERAL INFORMATION

SECTION 14.

SARA TITLE III HAZARD

SARA TITLE III SECTION 302

**CATEGORIZATION** 

MELTING TEMPERATURE

POSSIBILITY OF HAZARDOUS

HANDLING PRECAUTIONS

RESPIRATORY PROTECTION

PACKAGING MATERIAL RECOMMENDED

**ENVIRONMENTAL EXPOSURE CONTROLS** 

**ROUTE OF EXPOSURE** 

PRIMARY ROUTE OF EXPOSURE

# 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)

# COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition CAS No. % Weight

7440-44-0

7440-47-3

*7*439-89-6

7439-96-5

7723-14-0

7440-21-3

7704-34-9

7440-02-0

7439-98-7

7429-90-5

7440-48-4

7440-50-8

7440-03-1

7440-32-6

7440-62-2

7440-33-7

7440-31-5

7440-38-2

7727-37-9

Molten material may cause thermal burns.

Dust or particles may cause mechanical irritation.

Dust or particles may cause irritation due to abrasion.

0.022

16.77

67.91

1.761

0.039

0.359

0.0055

10.24

2.074

0.013

0.21

0.403

0.019

0.0060

0.069

0.014

0.012

0.0075

0.066

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

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

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

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

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.

If inhalation of dust / fumes occurs, immediately remove victim from the adverse

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

: 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.

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

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.

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

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

welding, burning and grinding operations, if applicable exposure

for several minutes and seek Prompt medical attention.

Chronic inhalation of high concentrations of metallic fumes and dusts are

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

EMERGENCY OVERVIEW	:	Welding, brazing, cutting, grinding and machining of this material may liberate

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

	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.
EFFECT OF SHORT TERM (ACUTE) EXPOSUR	E
INHALATION :	Fumes & dust may be irritating to respiratory system.

to be acutely toxic via ingestion.

Eye, Skin contact or Inhalation

Not Applicable

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

Parkinson's disease.

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 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

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory e ffects. **MOLYBDENUM** Based on animal experiments, molybdenum and its compounds are highly toxic. Some evidence of liver dysfunction with hyperbilirubinemia have been reported in 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.

## environment to fresh air and seek medical attention. If breathing has stopped, certified individuals should perform CPR. Keep affected person warm and at rest.

FIRST AIDS MEASURES

FIRE FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

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

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

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.

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

STORAGE REQUIREMENTS Store in a dry place.

Use original container.

limits are exceeded.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

TECHNICAL MEASURES 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

**PHYSICAL & CHEMICAL PROPERTIES** 

**REACTIVITY AND STABILITY** 

Solid

7.750

*1375-1400* ℃

HARDNESS (HV5) 205 **FINISH** Black Powder Coated

The product is stable.

SECTION 11. TOXICOLOGICAL INFORMATION According to our experience and information the product has no harmful effects on health if properly handled. **ECHOLOGICAL INFORMATION** 

## insolubility in water, no ecological Problems are to be expected if the product is properly handled.

**DISPOSAL CONSIDERATIONS** 

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

## SECTION 15. **REGULATORY INFORMATION**

Product (Dust and Fume) is categorized as an immediate (acute) health hazard and a delayed (chronic) Health hazard is defined by 40 CFR 370.

No components are listed as extremely hazardous substances

EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

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 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 (CORE)



## PRODUCT DESCRIPTION

MATERIAL IDENTIFICATION

SECTION 1.

**SECTION 2.** 

SECTION 3.

**FLAMMABILITY** 

INHALATION

**CHROMIUM** 

INHALATION

**SUITABLE** 

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

HANDLING PRECAUTIONS

STORAGE REQUIREMENTS

RESPIRATORY PROTECTION

SECTION 8.

HYGIENE MEASURES

TECHNICAL MEASURES

**MELTING TEMPERATURE** 

POSSIBILITY OF HAZARDOUS

DENSITY (G/CM3)

**SECTION 10.** 

STABILITY

**REACTIONS** 

SECTION 12.

SECTION 13.

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

GENERAL INFORMATION

COLOUR

PACKAGING MATERIAL RECOMMENDED

**ENVIRONMENTAL EXPOSURE CONTROLS** 

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

## 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.

% Weight

0.065

0.330

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

Chronic inhalation of high concentrations of metallic fumes and dusts are

adversely affect the central nervous system with symptoms resembling

The alleged health hazards associated with exposure to chromium are dependent

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

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 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.

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.

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

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

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

Emissions from ventilation or work process equipment should be checked to

equipment will be necessary to reduce emissions to acceptable levels.

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

welding, burning and grinding operations, if applicable exposure

#### Carbon 7440-44-0 Silicon 7440-21-3

**Chemical Composition** 

Manganese	<i>7</i> 439-96-5	1.030
Phosphorus	7723-14-0	0.041
<b>■</b> Sulphur	7704-34-9	0.006
Chromium	7440-47-3	18.250
■ Molybdenum	<i>7</i> 439-98-7	0.240
■ Nickel	7440-02-0	8.240
Aluminium	<i>7</i> 429-90-5	0.0034
<b>■</b> Cobalt	7440-48-4	0.220
<b>■</b> Copper	7440-50-8	0.360
■ Niobium	7440-03-1	0.0079
<b>■</b> Titanium	7440-32-6	0.004
<b>■</b> Venadium	7440-62-2	0.006
<b>■</b> 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	<i>7</i> 439-89-6	71.140
HAZARDS IDENTIFICATION		

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

EFFECT OF SHORT TERM (ACUTE) EXPOSURE

EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

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

Not Applicable

associated with the following conditions. Chronic inhalation of excessive concentrations of iron oxide fumes or dust may **IRON OXIDE** 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.

Fumes & dust may be irritating to respiratory system.

Eye, Skin contact or Inhalation

**MANGANESE** Chronic exposure to high concentrations of manganese fumes and dusts may increase the incidence of bronchitis pneumonia and lung damage and may

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.

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.

TLV. Silicon may cause chronic respiratory effects.

**SECTION 4.** FIRST AIDS MEASURES If dust/fumes get in eyes, immediately flush with large amounts of running water **EYES** for several minutes and seek Prompt medical attention. If dust gets on skin wash contaminated area with mild soap and water. Remove SKIN and wash contaminated clothing if rash or irritation persists, seek medical attention.

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

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. Fumes may be evolved from fires involving finely divided alloy **PRODUCTS** 

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

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.

glasses or goggles should be worn **HANDELING & STORAGE** SECTION 7.

Store in a dry place.

Use original container.

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

#### limits are exceeded. EYE PROTECTION Safety glasses should always be worn when grinding or cutting. Face shields

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

should be worn when welding or burning.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES PHYSICAL STATE Solid

Black Matte

1400-1450 °C

7.750

HARDNESS (HV5) 220 **FINISH** Powder Coated

on health if properly handled.

properly handled.

The product is stable.

# According to our experience and information the product has no harmful effects

**REACTIVITY AND STABILITY** 

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

**ECHOLOGICAL INFORMATION** 

DISPOSAL CONSIDERATIONS Steel scrap should be recycled wherever possible

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

## TRANSPORT INFORMATION SECTION 14.

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

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

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

#### SARA TITLE III SECTION 302 No components are listed as extremely hazardous substances EXTREMELY HAZARDOUS SUBSTANCES (EHSS):

OTHER INFORMATION

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 (CORE)



# PRODUCT DESCRIPTION

SECTION 1.

SECTION 2.

SECTION 3.

**FLAMMABILITY** 

IRON OXIDE

**CHROMIUM** 

SKIN

INHALATION

**SUITABLE** 

SPECIAL EXPOSURE HAZARDS

SPECIAL PROTECTIVE

SECTION 7.

SECTION 8.

SKIN PROTECTION

TECHNICAL MEASURES

SECTION 9.

HARDNESS (HV5)

SECTION 10.

POSSIBILITY OF HAZARDOUS

**FINISH** 

STABILITY

**REACTIONS** 

**SECTION 12.** 

SECTION 13.

**SECTION 14.** 

SECTION 15.

SECTION 16.

METHODS OF DISPOSAL

HANDLING PRECAUTIONS

RESPIRATORY PROTECTION

**EMERGENCY OVERVIEW** 

**ROUTE OF EXPOSURE** 

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.

7440-44-0

% Weight

0.072

16.33

#### Chromium 7440-47-3

Chemical Composition

Carbon

Iron	7439-89-6	82.21
Manganese	<i>7</i> 439-96-5	0.616
Phosphorus	<i>77</i> 23-14-0	0.033
Silicon	7440-21-3	0.315
<b>■</b> Sulphur	7704-34-9	0.0066
Nickel	7440-02-0	0.171
■ Molybdenum	<i>7</i> 439-98- <i>7</i>	0.020
Aluminium	<i>7</i> 429-90-5	0.036
<b>■</b> 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
<b>■</b> 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

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

HAZARDS IDENTIFICATION

& appropriate protective equipment for workers. EFFECT OF SHORT TERM (ACUTE) EXPOSURE Fumes & dust may be irritating to respiratory system. INHALATION

Not Applicable

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. EFFECT OF LONG-TERM (CHRONIC) EXPOSURE

associated with the following conditions.

Molten material may cause thermal burns.

Eye, Skin contact or Inhalation

observable as an x-ray change. **MANGANESE** Chronic exposure to high concentrations of manganese fumes and dusts may

> adversely affect the central nervous system with symptoms resembling Parkinson's disease. The alleged health hazards associated with exposure to chromium are dependent

increase the incidence of bronchitis pneumonia and lung damage and may

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

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 gets on skin wash contaminated area with mild soap and water. Remove

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

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.

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

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

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

According to our experience and information the product has no harmful effects

equipment will be necessary to reduce emissions to acceptable levels.

welding, burning and grinding operations, if applicable exposure

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

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.

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

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 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

very low toxicity. The hexavalent form is very toxic.

TLV. Silicon may cause chronic respiratory effects. SECTION 4. FIRST AIDS MEASURES **EYES** : If dust/fumes get in eyes, immediately flush with large amounts of running water for several minutes and seek Prompt medical attention.

#### certified individuals should perform CPR. Keep affected person warm and at rest. INGESTION If significant amounts of metal are ingested, seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES **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

operated in positive pressure mode.

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

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.

# 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

SECTION 6. ACCIDENTAL RELEASE MEASURES

**HANDELING & STORAGE** 

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

**EXPOSURE CONTROLS/ PERSONAL PROTECTIONS** 

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

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. ENVIRONMENTAL EXPOSURE CONTROLS

dust is generated.

**PHYSICAL & CHEMICAL PROPERTIES** 

220

limits are exceeded.

PHYSICAL STATE Solid **MELTING TEMPERATURE** 1400-1450 °C DENSITY (G/CM3) 7.750

Black Powder Coated

The product is stable.

on health if properly handled.

# SECTION 11. TOXICOLOGICAL INFORMATION

**REACTIVITY AND STABILITY** 

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.

**DISPOSAL CONSIDERATIONS** 

TRANSPORT INFORMATION

**REGULATORY INFORMATION** 

**ECHOLOGICAL INFORMATION** 

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

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

#### SARA TITLE III HAZARD Product (Dust and Fume) is categorized as an immediate (acute) health hazard and a delayed (chronic) Health hazard is defined by 40 CFR 370. CATEGORIZATION

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

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.